All India Mock for RBI Assistant Mains 2023 (26-27 December)

Directions (1-5): Study the following information carefully and answer the questions below:
In a certain Code language
"Ball goal vaccine code" is coded as "bl ao ci oe"
"Code fan truth mark" is coded as "an rk ut oe"
"Goal truth ball cinema" is coded as "ne ut bl ao"
"Point ball mark shift" is coded as "in bl rk hi"

Q1. What is the code for "Truth Ball"?
(a) in ut
(b) bl hi
(c) ut bl
(d) ne in
(e) None of these

Q2. What could be the possible code for "Cinema Point"?
(a) ne bl
(b) in ne
(c) rk ne
(d) rk hi
(e) in hi

Q3. What is the code for the word "Mark"?
(a) rk
(b) in
(c) ne
(d) oe
(e) ao

Q4. If "Fan Insert" is coded as "an se" than what could be the possible code for "Insert Short"?
(a) bl ao
(b) ci rk
(c) se ut
(d) se or
(e) oe ne

Q5. What is the code for the word "Shift"?
(a) oe
(b) rk
(c) hi
(d) in
(e) Can't be determined

Directions (6-10): In each of the questions below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q6. Statement: Only a few car is bike. Some car is train. Some bike is truck. No train is truck.
Conclusion:
I. Some Car being truck is a possibility.
II. All train being bike is a possibility.
(a) If only II follows
(b) If only I follows
(c) If neither I nor II follows
(d) If both I and II follow
(e) If either I or II follows

Q7. Statement: All glass is bottle. Only a few bottle is gate. Some Glass is table. No bottle is tab.
Conclusion:
I. Some bottle is table.
II. All tab being gate is a possibility.
(a) If both I and II follow
(b) If only I follows
(c) If neither I nor II follows
(d) If only II follows
(e) If either I or II follows

Q8. Statement: Only a few bus is airplane. Some airplane is truck. All bus is cycle. No Truck is jeep.
Conclusion:
I. Some bus is truck.
II. Some Cycle being jeep is a possibility.
(a) If neither I nor II follows
(b) If only I follows
(c) If only II follows
(d) If both I and II follow
(e) If either I or II follows

Q9. Statement: Only a few Rapid is Metro. Only a few Route is Transit. Some Transit is Rapid. Some Metro is Line.
Conclusion:
I. Some transit being line is a possibility.
II. Some route being line is not a possibility.
(a) If neither I nor II follows
(b) If only I follows
(c) If only II follows
(d) If both I and II follow
(e) If either I or II follows

Q10. Statement: All Singer is Rapper. Only a few Rapper is Artist. Some Artist is Dancer. No Singer is Popstar.
Conclusion:
I. Some Popstar being Dancer is a possibility.
II. All Rapper being Popstar is a possibility.
(a) If neither I nor II follows
(b) If either I or II follows
(c) If only II follows
(d) If both I and II follow
(e) If only I follows

Directions (11-13): Study the following information carefully and answer the questions below:
There are nine family members–Pawan, Qamar, Ritu, Sunita, Tarun, Urmila, Vishakha, Wazir and Ram in a family of three generations.
Pawan is the grandfather of Wazir. Tarun is the brother of Sunita. Tarun has one son and one daughter. Qamar is the son-in-law of Ritu. Only married couples have children. Ram is the son of Sunita. The ratio of male to female is 5:4. Tarun doesn't marry to the one whose name start with consonant letter. Gender of Vishakha is same as Ritu who is not a mother of Urmila.

Q11. Who among the following is Brother-in-law of Tarun?
(a) Ram
(b) Wazir
(c) Pawan
(d) Qamar
(e) None of these

Q12. How is Ritu related to Wazir's father?
(a) Sister
(b) Mother
(c) Grandmother
(d) Granddaughter
(e) Can't be determined

Q13. How is Sunita's father related to Vishakha's brother?
(a) Son
(b) Father
(c) Grandfather
(d) Grandchild
(e) None of these

Q14. If the word **"NUMBER"** is coded as **"1361425229"** in the same way the word "**SUPER"** is coded as "**8611229**", then which of the following word is coded as "**26242422117"**?
(a) Abroad
(b) Accord
(c) Access
(d) Reject
(e) Accept

Directions (15-18): Study the following series carefully and answer the questions given below.
BSDK GTKD NPLE CJKU RIMS

Q15. If 2nd and 4th letter of all the words from left end are interchanged within the words, then how many meaningful words can be formed?
(a) One
(b) Two
(c) Three
(d) None
(e) None of these

Q16. What will be the sum of the place values of all the 2nd letter from the left end of all the words?
(a) 71
(b) 72
(c) 74
(d) 76
(e) 75

Q17. If each letter within the word is changed to its just preceded letter according to alphabetical series, then how many words will have more than one vowel?
(a) None
(b) Three
(c) Two
(d) One
(e) None of these

Q18. If all the letters of each word are arranged in alphabetical order from left to right within the words, then all the words are arranged in dictionary order from left to right, then which of the following word will be 2nd from the right end of the series?
(a) GTKD
(b) RIMS
(c) CJKU
(d) BSDK
(e) NPLE

Directions (19-23): Study the following information carefully and answer the questions given below.
Eight persons- A, B, C, D, E, F, G and H attend the business meeting in two different dates, either 17 or 24 of four different months – January, April, September and December of the same year. They attend the business meetings in different cities- Kolkata, Jalandhar, Haridwar, Bhopal, Surat, Gwalior, Kanpur and Pune. All the information is not necessarily in the same order.
Three persons attend the meeting between E and the one who attends the meeting in Surat. E attends the meeting in the month having even number of days. A attends just after the one who attends meeting in Surat. More than three persons attend the meetings between A and F. A and F attend the meetings on the same date. The number of persons attend the meeting before the one who attends meeting in Surat, is one less than the number of persons attend the meeting after the one who attends the meeting in Kolkata. D attends meeting before G in the same month. Two persons attend the meeting between G and the one who attends meeting in Gwalior. The one who attends meeting in Pune attends three persons before B. C attends the meeting after the one who attends meeting in Kanpur. G neither attends meeting in Jalandhar nor in Bhopal.

Q19. On which of the following date and month, does H attend the business meeting?
(a) 17th April
(b) 17th January
(c) 24th September
(d) 24th December
(e) Can't be determined

Q20. Which among the following combination is correct?
(a) C - Pune
(b) F - Gwalior
(c) B - Bhopal
(d) A- Jalandhar
(e) E - Surat

Q21. Who among the following attends the meeting in Bhopal?
(a) D
(b) B
(c) A
(d) Either A or D
(e) F

Q22. How many persons attend the business meetings between H and the one who attends the meeting just before the one who attends business meeting in Surat?
(a) Five
(b) Six
(c) Four
(d) Two
(e) Three

Q23. The number of persons attend the business meetings before E is same as the number of persons attends the business meetings after the one who attends the meeting in _____.
(a) Gwalior
(b) Kolkata
(c) Kanpur
(d) Bhopal
(e) Haridwar

Directions (24-25): Study the following information carefully and answer the questions given below.
Six cars – I10, Jaguar, Baleno, Swift, BMW, and I20 contain different amount of fuel. Baleno car contains fewer fuel than only two cars. Swift car contains more fuel than I10 car but less than I20 car. I10 car does not contain least fuel. I20 car contains fewer fuel than BMW car. The car which contains third lowest fuel contains 40-liter fuels.

Q24. How many cars are between the BMW and the I10?
(a) Three
(b) Four
(c) One
(d) None
(e) Two

Q25. Which car contains 40-liter fuel?
(a) Swift
(b) Jaguar
(c) I20
(d) I10
(e) None of these

Directions (26-30): Study the following information carefully and answer the questions given below.
Nine persons viz. P, Q, R, S, T, U, V, W and X are standing in a row such that some of them are facing towards north while some are facing towards south, but not necessarily in the same order. Not more than two adjacent persons are facing the same direction.
Only five persons are standing between S and Q, and both of them face the same direction but does not stand at any of the ends. R stands second to the left of S and faces the opposite direction as S. T stands adjacent to both U and V where both U and V face the same direction but opposite direction as T. X faces towards the north and does not stand at the ends of the row. V doesn't stand adjacent to R. W stands to the right of X and faces the same direction as P who faces the same direction as X.

Q26. If R is related to P and U is related to Q in a certain way, then who among the following is related to T?
(a) No such person
(b) W
(c) V
(d) S
(e) None of these

Q27. What is the position of U with respect to W?
(a) Second to the left
(b) Fourth to the right
(c) Fourth to the left
(d) Third to the right
(e) None of these

Q28. Four of the following five are alike in a certain way and hence form a group. Find the one that doesn't belong to that group?
(a) PS
(b) XR
(c) UT
(d) VT
(e) QV

Q29. Who among the following person stands fourth to the left of R?
(a) No such person
(b) The one who stands to the immediate left of W
(c) T
(d) P
(e) None of these

Q30. The number of persons stand to the right of _____ is two more than the number of persons stand to the left of U?
(a) Q
(b) S
(c) R
(d) V
(e) None of these

Directions (31-35): Study the following information carefully and answer the questions given below.
Seven persons viz. Naina, Qamil, Priti, Om, Manu, Lalit and Kamal are from the same collage with different designations viz. Chief secretary, Principal, Vice principal, Head master, Teaching staff, non-teaching staff and Student. They belong to different places viz. America, Europe, Malaysia, Canada, London, Tanzania and UK. All the information is not necessarily in the same order. The Chief Secretary is the highest designation followed by the decreasing order of designations and the student is the lowest designation.
Two persons are designated higher than the one who belongs to UK who has the adjacent designation to Lalit. The number of persons senior to Lalit is the same as junior to the one who belongs to Europe, who is three designations junior to Kamal. The one who belongs to Tanzania is just junior to the one who belongs to Europe. Two persons are designated between Naina and the one who belongs to Tanzania. The designation's place of Naina with respect to the one who belongs to UK, is same as the designation's place of Qamil with respect to the one who belongs to Europe. The number of persons designated between Kamal and Qamil is one more than between Lalit and Priti. Two persons are designated between Priti and the one who belongs to America. Om is neither the chief secretary nor non-teaching staff but immediately junior to the one who belongs to Malaysia. The one who belongs to London is senior to the one who belongs to Canada.

Q31. Who among the following person belongs to London?
(a) Manu
(b) The one who is Head Master
(c) The one who is chief secretary
(d) Om
(e) None of these

Q32. What is the designation of Manu?
(a) Chief secretary
(b) Student
(c) Teaching Staff
(d) Non-Teaching staff
(e) None of these

Q33. How many persons are designated between Naina and Priti?
(a) One
(b) Two
(c) Three
(d) Four
(e) None of these

Q34. Which of the following place, does Qamil belong to?
(a) Malaysia
(b) UK
(c) Canada
(d) Tanzania
(e) None of these

Q35. If all the persons are designated in alphabetical order from Chief Secretary to Student, then how many persons remain unchanged at their designations?
(a) One
(b) Two
(c) Four
(d) Five
(e) None

Directions (36-40): Each of the following question, consists of a question and two/three statements numbered I, II/ I, II, III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer.

Q36. What will be the code for "Pursuit"?
Statement I. "Flower has pursuit" is coded as "@#*"
Statement II. "Pursuit has nine chik" is coded as "#@+?"
Statement III. "One flower chik of pursuit" is coded as "@$&*?"
(a) If the data in statement I and II are sufficient to answer the question, while the data in statement III are not sufficient to answer the question.
(b) If the data in statement II and III are sufficient to answer the question, while the data in statement I is not sufficient to answer the question.
(c) If the data in statement I, II and statement III are not sufficient to answer the question.
(d) If the data in all the statement I, II and III are necessary to answer the question.
(e) If the data in statement I and III are sufficient to answer the question, while the data in statement II is not sufficient to answer the question.

Q37. Six persons Akash, Babita, Chinki, Dhoni, Elizabeth and Farhan are sitting around a circular table facing the center but not necessarily in the same order. Who among the following sits immediate right of Dhoni?
Statement I. Babita sits second to the left of Dhoni and only one person sits between Chinki and Babita.
Statement II. Aakash sits to the immediate right of Babita and there are two people sitting between Elizabeth and Dhoni.
(a) If statement I alone is sufficient
(b) If both statements I and II together are sufficient
(c) If both statements I and II together are not sufficient
(d) If either statement I or II is sufficient
(e) If statement II alone is sufficient

Q38. Who is the wife of A?
Statement I. P is the only daughter of J. M is the paternal uncle of J.
Statement II. M is the brother-in-law of J.
Statement III. M and A are brothers.
(a) If the data in statement I and II are sufficient to answer the question, while the data in statement III are not sufficient to answer the question.
(b) If the data in statement II and III are sufficient to answer the question, while the data in statement I is not sufficient to answer the question.
(c) If the data in statement I, II and III, together are not sufficient to answer the question.
(d) If the data in all the statement I, II and III are necessary to answer the question.
(e) If the data in statement I and III are sufficient to answer the question, while the data in statement II is not sufficient to answer the question.

Q39. Five lectures are to be conducted from Sunday to Thursday. On which day will the political lecture be conducted?
Statement I. The Hindi Literature lecture is conducted on Wednesday and immediately after the Sociology lecture.
Statement II. Mathematics lecture is not scheduled for the last day and three lectured are conducted after the biology lecture.
(a) If statement I alone is sufficient
(b) If statement II alone is sufficient
(c) If both statements I and II together are not sufficient
(d) If either statement I or II is sufficient
(e) If both statements I and II together are sufficient

Q40. Seven people - Rahul, Kavita, Riya, Shiv, Kajal, Krishna and Sunita sit in a row but not necessarily in the same order. All of them are facing north direction. Who among them is sitting exactly in the middle of the row?
Statement I. Krishna is sitting at one of the ends in the row. Shiv is sitting third to the right of Krishna.
Statement II. Sunita is sitting third to the left of Rahul. Kajal is sitting second from the right end of the row.
Statement III. Three people sit between Kavita and Rahul. Krishna is sitting at one of the ends of the row.
(a) If statement III alone is sufficient
(b) If statement II alone is sufficient
(c) If statement I alone is sufficient
(d) If either statement I or II is sufficient
(e) All statements I, II and III are sufficient

Directions (41-45): In the given sentences, sentence (C) is fixed as the third sentence. Rearrange the remaining five sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.
(A) Nicotine, the addictive substance in cigarettes, stimulates the release of dopamine in the brain, which can create a sense of pleasure and reward.
(B) Secondhand smoke can also cause health problems in nonsmokers, including lung cancer, heart disease, and respiratory infections.
(C) **Cigarette smoke contains thousands of chemicals, many of which are toxic and can cause many illnesses.**
(D) Smoking is a leading cause of preventable death and disease worldwide.
(E) Children who are exposed to secondhand smoke are at increased risk for more severe health diseases.
(F) Smoking can cause a wide range of health problems, including lung cancer, heart disease, stroke, respiratory infections, and more.

Q41. Which of the following should be the FIRST sentence after rearrangement?
(a) A
(b) B
(c) E
(d) D
(e) F

Q42. Which of the following should be the FOURTH sentence after rearrangement?
(a) A
(b) B
(c) E
(d) D
(e) F

Q43. Which of the following should be the LAST sentence after rearrangement?
(a) A
(b) B
(c) E
(d) D
(e) F

Q44. Which of the following should be the SECOND sentence after rearrangement?
(a) A
(b) B
(c) E
(d) D
(e) F

Q45. Which of the following should be the FIFTH sentence after rearrangement?
(a) A
(b) B
(c) E
(d) D
(e) F

Directions (46-47): In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts namely (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence. If no such rearrangement is possible mark (E) as your answer i.e. "No rearrangement required".

Q46. (A) and despite her busy schedule
(B) **her passion for music led her to start a band**
(C) **where she could channel her creativity**
(D) **she spends most of her weekends performing at local gigs**

(a) ABDC
(b) BADC
(c) CADB
(d) DACB
(e) No rearrangement required

Q47.
(A) **diving and never looked back**
(B) **fascinated by the ocean and dreamed of one**
(C) **day exploring its depths then finally he took up scuba**
(D) **even after his fear of water he had always been**
(a) ABDC
(b) BACD
(c) CADB
(d) DBCA
(e) No rearrangement required

Directions (48-52): In the following question, sentences are given with four words in bold. The given words in the bold may or may not be contextually correct or correctly spelled. The incorrect word(s) will be your answer. If all the words are correct then select 'All are correct' as your answer.

Q48. The **sureging** (A) demand for electric vehicles has **promted** (B) car manufacturers to ramp up their **production** (C), resulting in the need for more **ethically** (D) sourced materials.
(a) Only (A)
(b) Only (D)
(c) Both (A) & (B)
(d) Both (C) & (D)
(e) All are correct

Q49. The policy makers attempt to **implement** (A) a new policy has been met with **resistence** (B) from several people, who argue that it will unfairly **burden** (C) middle-income earners and small **buisnesses** (D).
(a) Only (B)
(b) Both (C) & (D)
(c) Both (B) & (D)
(d) Only (C)
(e) All are correct

Q50. The scientific community has raised **concerns** (A) about the **potantial** (B) long-term effects of exposure to certain **environmental** (C) toxins, which are known to accumulate in the body and can cause **serios** (D) health problems.
(a) Only (D)
(b) Both (B) & (D)
(c) Only (A)
(d) Both (A) & (D)
(e) All are correct

Q51. The recent **outbrek** (A) of a new strain of the flu has caused **widespread** (B) panic and led to a **surge** (C) in demand for flu vaccines, which are **currently** (D) in short supply.
(a) Both (B) & (C)
(b) Only (A) & (C)
(c) Only (D)
(d) Only (A)
(e) All are correct

Q52. The company's ambitious plan to **expend** (A) its operations to new markets has been **delayed** (B) due to **unforeseen** (C) circumstances, including a shortage of skilled **personel** (D) in the region.
(a) Only (A)
(b) Only (C)
(c) Both (B) & (C)
(d) Both (A) & (D)
(e) All are correct

Directions (53-57): Two columns are given with few sentences/phrases in each which are grammatically correct and meaningful. Connect them in the best possible way without changing the intended meaning. Choose the best possible combination as your answer accordingly from the options to form a correct, coherent sentence.

Q53. Column (I)
(A) Despite numerous efforts to eradicate poverty,
(B) The new policy framework for labors emphasizes
(C) The discovery of a new species of insect highlights
Column (II)
(D) poverty continues to be a persistent problem worldwide.
(E) responsibility for the tensions by pursuing de facto independence.
(F) the importance of biodiversity conservation in ecological systems.
(a) Only (A)-(D) and (C)-(F)
(b) Only (B)-(E)
(c) Both (A)-(D) and (C)-(E)
(d) Only (A)-(D)
(e) None of these

Q54. Column (I)
(A) The technology sector is growing at an unprecedented rate,
(B) The newly appointed CEO has a vision of expanding the company's
(C) Renewable energy sources are gaining popularity worldwide due to
Column (II)
(D) their cost-effectiveness, efficiency, and eco-friendliness.
(E) market share in the developing economies of Asia and Africa.
(F) which have been yet again emerging as a friction point.
(a) Only (A)-(D) and (C)-(F)
(b) Only (B)-(F)
(c) Both (B)-(E) and (C)-(D)
(d) Only (C)-(E)
(e) None of these

Q55. Column (I)
(A) The government has introduced a new policy to promote
(B) Artificial intelligence is expected to revolutionize the way
(C) With the rise of e-commerce, traditional retailers are facing
Column (II)
(D) making a no-confidence motion a complex and complicated process.
(E) tough competition and are struggling to survive in the market.
(F) consequently, a new seven-party coalition government was formed.
(a) Only (A)-(D) and (C)-(F)
(b) Only (B)-(E)
(c) Both (A)-(D) and (B)-(E)
(d) Only (C)-(E)
(e) None of these

Q56. Column (I)
(A) Despite the warnings, many people chose to ignore the storm alerts
(B) The company's financial statement showed a significant increase in
(C) The book is a reflection of the author's personal experiences and struggles
Column (II)
(D) or five reported cases of a sudden loss of control.
(E) indicates good returns on the investments made in modern survival.
(F) in numerous fatalities and damage to property.
(a) Only (A)-(D) and (B)-(E)
(b) Only (A)-(F)
(c) Both (B)-(D) and (C)-(E)
(d) Only (A)-(D)
(e) None of these

Q57. Column (I)
(A) The CEO's vision for the company was clear from the outset
(B) The school offers a range of extracurricular activities for
(C) It is important to read the terms and conditions before signing
Column (II)
(D) a contract to avoid any disputes later on.
(E) including sports, music, and drama.
(F) that helped the company achieve its goals.
(a) Only (A)-(F) and (C)-(D)
(b) Only (C)-(F)
(c) Both (A)-(E) and (B)-(F)
(d) Only (A)-(D)
(e) None of these

Directions (58-60): In the questions given below two sentences are given which are grammatically correct and meaningful. Connect them with the most suitable word given below the statements in the best possible way without changing the intended meaning. Choose your answer accordingly from the options to form a correct coherent sentence.

Q58. (I) Maya's car broke down on the way to the airport.
(II) She missed her flight yesterday.
(a) although
(b) therefore
(c) despite
(d) yet
(e) moreover

Q59. (I) John loves to play soccer since his childhood.
(II) He joined the school soccer team for the upcoming championship.
(a) while
(b) but
(c) either
(d) and
(e) whereas

Q60. (I) Your blood pressure is slightly low since yesterday.
(II) You don't need to get admitted to the hospital.
(a) and
(b) as a result
(c) instead
(d) but
(e) additionally

Directions (61-64): Each of the following questions has two sentences with blanks. From the options given below the sentence, choose the word which fits into both the blanks to make sentences meaningful and mark the letter corresponding to suitable word as your answer.

Q61. (I) Despite the many challenges they face, small businesses are _____to the growth and prosperity of the economy.
(II) The _____impact of the pandemic has been felt by every sector of the economy.
(a) integral
(b) negligible
(c) tangential
(d) ephemeral
(e) deplorable

Q62. (I) The company's _____strategy has been successful in attracting new customers.
(II) The _____nature of the negotiations makes it difficult to predict the outcome.
(a) vague
(b) scrutiny
(c) clandestine
(d) explosive
(e) collaborative

Q63. (I) The _____of the project includes conducting market research, developing a marketing strategy, and launching a new product.
(II) The _____of the investigation is still unknown.
(a) consequences
(b) credible
(c) flutter
(d) scope
(e) fleet

Q64. (I) The new regulations will have a _____impact on the environment.
(II) The company has been disregarded for _____business practices.
(a) detrimental
(b) innovative
(c) adroit
(d) timid
(e) glorious

Directions (65-72): Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.
A lot of us must be wondering if we're hooked on our tech: "Phone addiction" has risen steadily in the past five years, and "social media addiction" trails it closely. Interestingly, phone addiction and social media addiction are closely intertwined, especially for younger people, who probably aren't playing chess on their phones or even talking on them—they're on social media. And according to a growing number of studies, it's looking more and more like this pastime is **addictive**. Even more concerning is the fact that this addiction is linked to some serious mental health risks.
MIT's Sloan Management Review published an experiment—professors at two business schools made giving up one's smartphone for a day a requirement of the students in their courses. Most of the students, who gave up their phones, felt some degree of anxiety. They were thinking what to do with the extra time, from eating breakfast to riding on public transportation. They also noted how often people who did have phones checked their phones—one student pointed out that his friend checked his phone four times in a 10 minute period—and that was probably what they themselves looked like on a typical day.
An earlier study, in the U.S., which also had young people give up their phones, found that they performed worse on mental tasks when they were in "withdrawal," and had symptoms, like increased heart rate and blood pressure. They also felt a sense of loss, or lessening, of their extended self—their phones. But the reality, especially for younger people, is that phone use, especially heavy use, isn't lighthearted. A study last month looked at the rise in depression and suicide in teenagers in recent years. The Centers for Disease Control and Prevention (CDC) had noted a rise in the rates of both over the years 2010-2015, and found that girls were particularly at risk: Their suicide rate rose by 65% in those five years. The number of girls with severe depression rose by 68% while this percentage was a little lower in boys.

Q65. According to the passage, which of the following fact about a phone addiction is more worrisome?
(a) Phone addiction gives rise to many cyber-crimes which threatens security system.
(b) Phone addiction keeps a person away from his essential day-to-day activities.
(c) Spending so much time staring at a screen can lead to grave mental health risks.
(d) Although phone addiction connects us with people on social media, it makes us more isolated in real.
(e) None of these

Q66. How did students respond to giving up their phones?
(a) Only a few students, who weren't using phones, were totally depressed and stressed.
(b) Many of the students retaliated and stepped back from participating in the experiment.
(c) Students who relinquished their phones were anxious to some degree.
(d) Participants were scrolled their phones to check only important notifications.
(e) Both (c) and (d)

Q67. Which of the following is the correct inference from a recent study in the U.S.?
(a) With smartphones, young people are more capable to perform their best in daily tasks.
(b) Phone addiction not only has effects on mental health but also on the physical wellness.
(c) Young people addicted to phone are more likely to have gloomy experiences.
(d) Older generation doesn't have any physical and mental effects of phone addiction.
(e) Both (b) and (c)

Q68. On the basis of the information given in the passage, how can we say that social media addiction and phone addiction are correlated?
(a) A corresponding rise in social media addiction has been observed after an increase in phone addiction.
(b) People, nowadays, are more inclined to purchase smartphones only to use social media platforms.
(c) Many people access social media platforms through their mobile phones only because phones are convenient to carry.
(d) Features on social media apps, such as notifications, contribute to the addictive nature of both social media and phone use.
(e) None of these

Q69. Which of the following was/were the observation of the CDC?
(a) CDC noticed that the suicide case rate was the highest ever in 2010-2015.
(b) The rise in severe depression was found more prevailing in girls.
(c) The number of boys with severe depression was insignificant.
(d) Depression due to phone addiction was not fatal and only a few deaths were reported.
(e) None of these

Q70. Which of the following statements is/are TRUE with reference to the passage?
(I) **Students who abstained from phones acknowledged that they themselves are phone addicted.**
(II) Students were anxious thinking how to use their spare time when not using phones.
(III)After giving up their phones, young people felt better and performed well in mental tasks in the U.S.
(a) Only (I) & (II)
(b) Both (II) & (III)
(c) Only (III)
(d) All of these
(e) Both (I) & (III)

Q71. Which of the following words is a synonym of 'addictive'?
(a) slandered
(b) condemned
(c) compelling
(d) prudent
(e) despised

Q72. Which of the following words is an antonym of 'recent'?
(a) nascent
(b) primeval
(c) scourged
(d) burgeoning
(e) resounding

Directions (73-80): Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.
For the vast majority of people, obtaining income through employment is the primary and principal means of survival. Employment status is related to the income level of workers as well as to their physical and mental health. This raises the question whether the problem of underemployment in the labor market (a state where a worker being underused because a job does not use the worker's skills) will affect workers' health. Under the _____of the COVID-19 pandemic and the global economic environment, the underemployment problem for workers may deteriorate further. However, it remains unclear whether the deterioration will hinder the implementation of the "Healthy Nation" initiative to any extent.
Although underemployment is present across all classes of society, the problem of underemployment is more **evident** in some groups than in others. As two significant components of human capital, the complementary relationship between health and education has always attracted the attention of the academic community. Previous research shows that workers with a good educational background not only have inherent advantages in access to health care knowledge, medical resources, health resources, and service accessibility but also have a relatively healthy lifestyle. Moreover, compared to workers with a low level of education, highly educated workers can feel a sense of fulfillment and value in the work process, and their ability to regulate their life and health conditions is also more robust.
Health is a consumer product, and people can buy specific health products using money. Generally, low-income workers often do not have **sufficient** healthcare expenditure. Owing to the existence of "low income when working long hours" in the labor market, underemployed workers usually have different income levels. Even in underemployment, those with high education levels may have high incomes that will increase their health care expenditure. Higher expenditure on health care further widens the health disparity among workers with different levels of education.

Q73. According to the passage, what is the importance of the employment status of a person?
(a) Higher employment status enables workers to perform well at their workplace.
(b) Employment status determines the responsibilities and duties of someone.
(c) Employment status impacts the physical as well as mental health of an individual.
(d) All of these
(e) Only (b) and (c)

Q74. Which of the following statements defines underemployment?
(a) When there is a lack of skills and abilities in the labor market.
(b) A situation where total labor supply exceeds labor demand.
(c) When employed ones are underpaid and overexploited.
(d) Not doing work that makes full use of their skills and abilities.
(e) None of these

Q75. In what way a good educational background benefits an individual?
(a) Good educational backgrounds lead to a healthy lifestyle hence totally eliminate the dependency on healthcare services.
(b) Healthy lifestyle is the key element for an individual by which he can get a better educational background.
(c) Workers having good educational backgrounds can avail of needed goods and services in the healthcare sector.
(d) An individual with good educational background relatively lives a healthy lifestyle and has healthcare knowledge.
(e) Both (c) and (d)

Q76. What is the main ground for health disparity among workers with different levels of education?
(a) Disparities in remuneration which is given on the basis of qualifications.
(b) Inaccessibility to high paid jobs even after having high education.
(c) Time constrain to get proper treatment among high paid job workers.
(d) Lack of basic education which is a fundamental right of every citizen.
(e) None of these

Q77. Which of the following statements is FALSE as per the passage?
(a) Underemployment isn't limited to a particular class rather it is prevalent.
(b) People depends mainly on employment for their existence.
(c) Higher-educated people usually have more esteem at their workplaces.
(d) If someone has a high income, he would spend less on healthcare.
(e) All are true

Q78. Which of the following word is the most suitable word for the given blank?
(a) extravagant
(b) repulsion
(c) introversion
(d) influence
(e) depletion

Q79. Which of the following words is a synonym of 'evident'?
(a) scramble
(b) apparent
(c) perpetuate
(d) meagre
(e) cowardice

Q80. Which of the following is an antonym of 'sufficient'?
(a) scanty
(b) sporadic
(c) deceive
(d) prodigal
(e) extol

Q81. The cost price of a product is Rs. X and shopkeeper marked the product by Y% above its cost price. Shopkeeper allows a discount of Z% on marked price of the product and the selling price of the product becomes Rs X. If twice of Z is equal to Y, then find value of Z?
(a) 25
(b) 40
(c) 20
(d) 50
(e) 100

Q82. Four years ago, the ratio of the ages of Ravi to Vicky, 5: 6. The ratio of the present ages of Rocky to that of Vicky is 5: 4. Two years hence, the sum of age of Ravi and Rocky will be 63 years. Find the present age of Vicky.
(a) 24 years
(b) 28 years
(c) 30 years
(d) 32 years
(e) 42 years

Q83. Train A of length (l+20) meters crosses a bridge $\frac{3}{4}\ th$ of its lengths in 10.5 second. Train B of length (2l – 20) meters crosses a pole in 6 seconds. The ratio of speed of train A to train B is 2:3. If they are running in same direction, then find the time taken by train A and train B to cross each other.
(a) 30 seconds
(b) 15 seconds
(c) 14 seconds
(d) 22 seconds
(e) 24.5 seconds

Q84. A and B together can complete the work in 36 days, while A and C together can do the same work in 54 days. If the ratio of efficiency of B to that of C is 8:5, then in how many days all three together can compete the whole work.
(a) $28\frac{3}{7}$ days
(b) $24\frac{3}{7}$ days
(c) $23\frac{1}{7}$ days
(d) $22\frac{3}{25}$ days
(e) $27\frac{3}{25}$ days

Q85. The sum of four numbers is 64. If we add and subtract three from the first and second numbers, respectively, and multiply and divide by three for the third and fourth numbers, respectively, then the resultant of all the numbers is equal to x. Find the difference between the largest and the second largest number.
(a) 21
(b) 27
(c) 32
(d) Cannot be determined
(e) None of these.

Q86. A and B running on a circular track of a radius is 140 meter in the opposite direction. Speeds of A and B are 50 m/s and 30 m/s respectively. Initially A and B are standing opposite to each other. Find the time taken by A and B to meet first time and second time.

(a) 5.5 seconds, 11 seconds
(b) 6.5 seconds, 11 seconds
(c) 5 seconds, 10 seconds
(d) 5.5 seconds, 10 seconds
(e) 5 seconds, 11 seconds

Q87. Vessels A and B having capacity same contains mixture of milk and water in a ratio of 4:1 and 3:1 respectively. If $\frac{1}{4}th$ of the mixture is taken out from A and added to B and then same quantity of is taken out from B and added to A, then find the ratio of water to milk in vessel A.

(a) 22:13
(b) 84:73
(c) 21:79
(d) 79:21
(e) 52:51

Q88. The time taken by boat to cover (X + 12) km in upstream is double of the time taken by the boat to cover X km in downstream. If the ratio of speed of boat in still water to speed of stream is 5:1, then find the value of (X – 6).

(a) 20
(b) 30
(c) 25
(d) 10
(e) 40

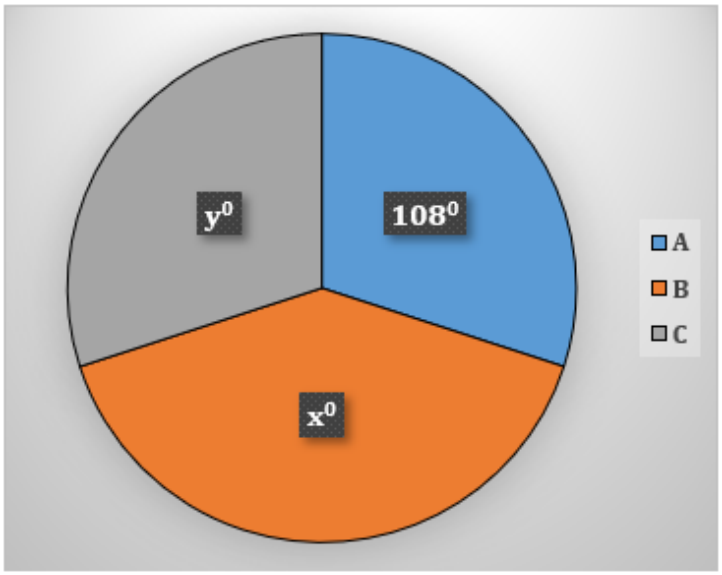
Q89. A, B and C started a business by investing in the ratio of x:(x+1000) : (x+500) respectively. After one year the profit share of A and C together is Rs.1000 out of the total profit of Rs.1800. Find x.

(a) 1000
(b) 1300
(c) 800
(d) 900
(e) 1200

Q90. A sum of Rs. P invested in scheme 'X' at simple interest for two years, and the amount received is Rs.1440. The same sum is invested in scheme 'Y' at the same interest rate for five years, then the simple interest received is Rs.600. If Rs.2P is invested at the same rate compounded annually for two years, then find the interest obtained.

(a) Rs.405
(b) Rs.435
(c) Rs.555
(d) Rs.504
(e) Rs.495

Directions (91-95): The pie chart shows the degree distribution of total applicants (online + offline) applied for an exam from three cities (A, B and C).



Note:
(1) The ratio of total number of applicants (online + offline) in A to B is 3:4
(2) $83\frac{1}{3}\%$ are online applicants in A and 150 are offline applicants in A.
(3) Total number of offline applicants in B and C are same.

Q91. Find the value of $2.5\times x + 1.5 \times y$.
(a) 522
(b) 847
(c) 517
(d) 557
(e) 528

Q92. If the number of online applicants in B is 650, then find the difference between number of online applicants in C and number of offline applicants B.
(a) 200
(b) 800
(c) 700
(d) 500
(e) 520

Q93. The total number of offline applicants in all cities are $31\frac{2}{3}\%$ of total applicants, then find the online applicants in B is what percentage more/less than that of online applicants in A.
(a) $6\frac{2}{3}\%$
(b) $7\frac{2}{3}\%$
(c) 6%
(d) $10\frac{2}{3}\%$
(e) $6\frac{1}{3}\%$

Q94. The difference between average of total number of applicants and average of offline applicants is 700, then find the total number of online applicants in B and C together.

(a) 1200

(b) 1350

(c) 1700

(d) 1500

(e) 1520

Q95. The cost of each online form is Rs.20 less than that of each offline form and total revenue generated by A is Rs.30000. Find the cost of each online form.

(a) Rs.10

(b) Rs.20

(c) Rs.30

(d) Rs.40

(e) Rs.50

Directions (96-100): The table shows total number of stationery items (pens, pencils and erasers) manufactured by five (M, N, O, P & Q) different shops, percentage of pens manufactured and the ratio of pencils manufactured to erasers manufactured by these shops.

Note: Total number of stationery items manufactured = Number of pens manufactured + Number of pencils manufactured + Number of erasers manufactured

Shops	Total number of stationeries manufactured	Percentage of pens manufactured	(Pencil: Erasers)
M	150	20%	----
N	----	----	5:3
O	200	----	6:5
P	----	60%	----
Q	180	----	2:3

Q96. The total number of erasers manufactured by Q is 90 and the total number of pens manufactured by Q is same as total number of pencils manufactured by O. Find the percentage of pens manufactured by O.

(a) 82.5%

(b) 50.5%

(c) 72.5%

(d) 45.2%

(e) 62.5%

Q97. Total number of pens manufactured by P is same as number of pens manufactured by M. Find the total number of pens manufactured by P is what percentage of total number of stationeries items manufactured by Q?

(a) $4\frac{2}{3}\%$

(b) $10\frac{2}{3}\%$

(c) $15\frac{2}{3}\%$

(d) $5\frac{2}{3}\%$

(e) $16\frac{2}{3}\%$

Q98. The total number of pencils manufactured by P is same as pens manufactured by M and total number of stationeries manufactured by P is $16\frac{2}{3}\%$ more than that of M. Find the total number of erasers manufactured by P.

(a) 56

(b) 50

(c) 48

(d) 40

(e) 32

Q99. The ratio of pens to pencils to eraser manufactured by Q is 1:2: 3 and number of erasers manufactured by N is average of number of erasers manufactured by Q and pens manufactured by M. Find the total number of pencils manufactured by N.

(a) 150

(b) 100

(c) 200

(d) 60

(e) 75

Q100. Total number of stationery items manufactured by X is 25% more than that of O and total number of pens manufactured by X is 40% of total items manufactured, which is equal to the pens manufactured by N. If total number of pens manufactured by N is 50% of total number of pencils manufactured by N, then find the total number of stationeries manufactured by N.

(a) 220

(b) 210

(c) 280

(d) 420

(e) 560

Directions (101-105): In the given questions, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You have to determine relationship between numerical values of these two quantities and choose the appropriate option.

Q101. Quantity I: A can complete a work in 36 days and B is 33.33% more efficient than A.
In how many days both complete that work if they work on alternate days starting with A?
Quantity II: A completes 2/3 of a certain job in 6 days. B completes 1/3 of the same job in 8 days and C can complete 3/4 of that work in 12 days. If they work with $\frac{6}{13}$ of their efficiency, then find the number of days taken by all of them to complete the job together.
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q102. Quantity I: The time taken to cover (D+11) km upstream is two times more than the time taken to cover (D–3) km downstream. If the ratio of upstream to downstream speed be 3:7, then find D?
Quantity II: Boat A travels 100 km in upstream in 4 hours. The speed of another boat B in still water is 80% of the speed of boat A in downstream and the speed of stream is 2.5 km/hr. Find the distance travelled by boat B in upstream in 4 hours.
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q103.
Quantity I. $x^2 - 3x - 108 = 0$
Quantity II. $y^2 - 26y + 168 = 0$
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q104.
$p^{5x} = 243$ *and* $q^{3x} = -27$
Quantity I: value of 3p + 2q
Quantity II: value of -2p - q
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q105. A train running at 108 km/hr and crosses a platform in 50 seconds. The train crosses a man standing on the same platform in 24 seconds.
Quantity I: (Length of the train + 60)
Quantity II: Length of the platform
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Directions (106-110): The data given below shows the expenses of three different (A, B and C) companies. Read the data carefully and answer the following questions.
Company A – Total salary given to 100 employees is 12.5 lakh and total miscellaneous expense of A is 47.5 lakh.
Company B – Average salary of employees is 500 less than that of company A. Total expense of company C and B is same which is $16\frac{2}{3}\%$ less than that of A. Total salary expense is 0.1 lakh more than that of A.
Company C – Number of employees are 20% less than that in A and total miscellaneous expense is 40 lakhs.
Note:
(i) Average salary = $\frac{salary\ expense}{total\ employees}$
(ii) Total expense = salary expense + miscellaneous expense

Q106. Find the average of average salary of companies A, B and C (in Rs.) (approx.).
(a) 12220
(b) 13210
(c) 12280
(d) 12420
(e) 12333

Q107. Find the difference between total employees in B and C.
(a) 16
(b) 15
(c) 18
(d) 25
(e) 22

Q108. Find the total expense of company A is what percentage more than that of miscellaneous expense of company C.
(a) 20%
(b) 80%
(c) 70%
(d) 50%
(e) 52%

Q109. If the average salary in company C is increased by 20% and total expense remain same, then find the new miscellaneous expense is how much more/less than miscellaneous expense of company B.
(a) Rs.10000
(b) Rs.20000
(c) Rs.30000
(d) Rs.40000
(e) Rs.60000

Q110. Total number of employees in company X is average of employees in companies A, B & C and the average salary of employees is Rs.10000. If the ratio of miscellaneous to salary expense is 50:19, then find the total expense of company X.
(a) 32.2 lakh
(b) 34.7 lakh
(c) 31.7 lakh
(d) 34.5 lakh
(e) 32.8 lakh

Directions (111-112): The following questions are accompanied by two statements A and B. You have to determine which statements(s) is/are sufficient/necessary to answer the questions.

Q111. Find the curved surface area of cylinder? [Radius of cylinder = 8 cm]
(A) Ratio between curved surface area of cylinder to lateral surface area of cone is 6 : 5 while radius and height of cylinder is same as radius and height of cone respectively.
(B) Total surface area of cylinder is $133\frac{1}{3}\%$ more than curved surface area of cylinder.
(a) Statement '**A**' alone is sufficient to answer the question, but statement '**B**' alone is not sufficient to answer the questions.
(b) Statement '**B**' alone is sufficient to answer the question, but statement '**A**' alone is not sufficient to answer the question.
(c) Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
(d) Either statement '**A**' or statement '**B**' by itself is sufficient to answer the question.
(e) Statements '**A**' and '**B**' taken together are not sufficient to answer the question.

Q112. Find the value of 'R'?
(A) A man invested Rs. 2750 in the ratio of 5 : 6 at the rate of R% and 5% for four years on simple interest and get interest in the ratio of 5 : 4 respectively.
(B) Amir invested Rs. 500 & Rs. 800 at the rate of R% & (R + 2.5) % for two years respectively on simple interest. Amir get total Rs. 170 as interest.
(a) Statement '**A**' alone is sufficient to answer the question, but statement '**B**' alone is not sufficient to answer the questions.
(b) Statement '**B**' alone is sufficient to answer the question, but statement '**A**' alone is not sufficient to answer the question.
(c) Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
(d) Either statement '**A**' or statement '**B**' by itself is sufficient to answer the question.
(e) Statements '**A**' and '**B**' taken together are not sufficient to answer the question.

Directions (113-115): Read the following equations carefully and answer the questions given below.

I. $xa^2 + 4a - 33 = 0$ (one of the roots of equation I is $\frac{3}{2}$)

II. $yb^2 - 9b + 26 = 0$

Note: Lowest root of equation I is $-\frac{11}{12}$ of the highest root of equation II.

Q113. Find the ratio between lowest root of equation I to that of equation II.

(a) 16:35
(b) 12:37
(c) 11:39
(d) 19:31
(e) 13:36

Q114.

If $R = \frac{y^2}{2} + \frac{x}{4}$ then find the value of R^2.

(a) 9
(b) 16
(c) 25
(d) 36
(e) 4

Q115.

If $\frac{x}{3}c^2 - 6yc + 9 = 0$, then find the roots of that equation.

(a) $-\frac{3}{2}, -\frac{3}{2}$
(b) $\frac{1}{2}, \frac{3}{2}$
(c) $\frac{3}{2}, \frac{3}{2}$
(d) $-\frac{1}{2}, -\frac{3}{2}$
(e) $\frac{5}{2}, -\frac{3}{2}$

Directions (116-120): What will come in the place of question (?) mark in following number series.

Q116. 140, ?, 125, 103, 70, 25

(a) 130
(b) 134
(c) 132
(d) 137
(e) 129

Q117. 12, 13, ?, 44, 112.5, 340.5
(a) 25
(b) 40
(c) 635
(d) 10
(e) 21

Q118. 21, 105, 420, ?, 2520, 2520
(a) 1980
(b) 1725
(c) 1510
(d) 1260
(e) 1640

Q119. 209, 215, 203, 221, 197, ?
(a) 227
(b) 209
(c) 212
(d) 210
(e) 204

Q120. 19, 26, 52, ?, 239, 454
(a) 122
(b) 139
(c) 172
(d) 169
(e) 115

Q121. The Food Safety and Standards Authority of India (FSSAI) introduced a new provision of 'Special Category' in the online Food Safety Compliance System (FoSCoS) portal. What is the primary goal of this provision?
(a) To streamline food safety compliance procedures.
(b) To promote gender equality and equal opportunities.
(c) To offer discounts to food business operators.
(d) To enhance food labeling standards.
(e) To Women Empowerment

Q122. With which country did the Election Commission of India (ECI) sign an MoU for cooperation in electoral management and administration?
(a) Sri Lanka
(b) Nepal
(c) Seychelles
(d) Bangladesh
(e) Myanmar

Q123. What should be the annual income of the students to avail benefits under Dr. Y.S. Parmar Vidyarthi Rin Yojana?
(a) less than 7 lakhs
(b) less than 4 lakhs
(c) less than 1 lakhs
(d) less than 5 lakhs
(e) less than 3 lakhs

Q124. Geographical Indications Registry (GIR) has granted Geographical Indication (GI) tags to 'Atreyapuram Pootharekulu,' a sweet made of rice and jaggery from which state?
(a) Andhra Pradesh
(b) Tamil Nadu
(c) Karnataka
(d) Kerala
(e) Telangana

Q125. Ministry of Agriculture & Farmers Welfare, along with which ministry, inaugurated the Kisan Rin Portal (KRP), Weather Information Network Data Systems (WINDS) Manual, and Door-To-Door Kisan Credit Card (KCC) campaign?
(a) Ministry of Home Affairs
(b) Ministry of Finance
(c) Ministry of Health and Family Welfare
(d) Ministry of Education
(e) Ministry of Environment, Forest, and Climate Change

Q126. Which Indian Institute of Technology (IIT) in Mumbai signed a MoU with the United Nations World Food Programme (WFP) to improve food security, nutrition, climate resilience, and livelihoods in India?
(a) IIT Delhi
(b) IIT Kanpur
(c) IIT Bombay
(d) IIT Madras
(e) IIT Kharagpur

Q127. Mirabai Chanu was honored with the prestigious title of "BBC Indian Sportswoman of the Year" in 2022. Additionally, which notable individual was bestowed with the esteemed BBC Lifetime Achievement Award in the same year?
(a) Nitu Ghanghas
(b) Pritam Siwach
(c) Bhavana Patel
(d) Lovely Choubey
(e) Rupa Rani

Q128. Where did Union Minister Jyotiraditya Scindia inaugurate 'Udaan Bhawan' and an e-wallet (Bharatkosh Advance Deposit) facility?
(a) Chhatrapati Shivaji Maharaj International Airport in Mumbai
(b) Indira Gandhi International Airport in Delhi
(c) Rajiv Gandhi International Airport in Hyderabad
(d) Safdarjung Airport in Delhi
(e) Lokpriya Gopinath Bordoloi International Airport in Guwahati

Q129. What is the name of the advanced platform that generates crop estimates and integrates with other systems for agricultural statistics, including Price, Trade, Procurement, and Stock data?
(a) Unified Portal for Agricultural Estimates (UPAE)
(b) Agricultural Statistics Integration Platform (ASIP)
(c) Unified Portal for Agricultural Statistics (UPAg)
(d) Crop Estimation and Integration System (CEIS)
(e) HarvestMetrics Integration Hub (HMIH)

Q130. Which organization launched the innovative e-Learning Programme in response to the increasing global need to support and enhance sustainable finance?
(a) United Nations
(b) World Bank
(c) United Nations Development Programme (UNDP)
(d) International Monetary Fund (IMF)
(e) United Nations Environment Programme (UNEP)

Q131. Which organization made an MoU with the Digital Lenders Association of India (DLAI) to boost India's fintech sector by utilizing each other's expertise?
(a) Small Industries Development Bank of India (SIDBI)
(b) Reserve Bank of India (RBI)
(c) Securities and Exchange Board of India (SEBI)
(d) National Bank for Agriculture and Rural Development (NABARD)
(e) Insurance Regulatory and Development Authority of India (IRDAI)

Q132. Which commercial vehicle manufacturer has launched an "All Women Production Line" with 100 percent female employees at its Hosur plant in Tamil Nadu?
(a) Tata Motors
(b) Mahindra and Mahindra
(c) Hyundai Motors
(d) Ashok Leyland
(e) Honda Cars

Q133. Vyas Samman was founded in 1991 by the KK Birla Foundation. Who was awarded the Vyas Samman in the year 1991?
(a) Ram Vilas Sharma
(b) Jai Singh Neeraj
(c) Giridhar Rathi
(d) Harivansh Rai Bachchan
(e) None of these

Q134. In the 2023 Digital Quality of Life (DQL) Index, what is India's rank, according to the 5th annual DQL Index by Surfshark Limited?
(a) 50th
(b) 52nd
(c) 25th
(d) 30th
(e) 46th

Q135. Which edition of the Singapore-India Maritime Bilateral Exercise (SIMBEX) was conducted in September 2023?
(a) 25th edition
(b) 30th edition
(c) 35th edition
(d) 40th edition
(e) 45th edition

Q136. In collaboration with which ministry is the Central Reserve Police Force organizing a cross-country bike expedition with "Yashaswini," a group of CRPF women bikers to celebrate women's power or Nari Shakti of the country?
(a) Ministry of Defence
(b) Ministry of Home Affairs
(c) Ministry of Women and Child Development
(d) Ministry of Youth Affairs and Sports
(e) Ministry of Railway

Q137. Which department has been honored with the First Raj Bhasha Kirti Puraskar for the year 2022-23?
(a) Department of Finance
(b) Department of Defense
(c) Department of Pension & Pensioners' Welfare
(d) Department of Education
(e) Department of Official Language

Q138. In April 2023, which tiger reserve was adjudged the best-managed in the country in the Management Effectiveness Evaluation (MEE)?
(a) Jim Corbett Tiger Reserve
(b) Kanha Tiger Reserve
(c) Periyar Tiger Reserve
(d) Bandipur Tiger Reserve
(e) Kaziranga Tiger Reserve

Q139. The Special 301 report is published by USTR every year. It is an annual review of what?
(a) Economic forecasts in developing countries
(b) Global climate change trends
(c) Intellectual property rights enforcement
(d) International trade regulations
(e) Cultural exchange programs

Q140. Who was the first woman from Jammu & Kashmir to receive an award for efforts towards wildlife conservation in the region?
(a) Samira Malik
(b) Aisha Rahman
(c) Zara Khan
(d) Aliya Mir
(e) Leila Ahmed

Q141. The Foundation of SAARC Writers and Literature (FOSWAL) presented a unique literary award to whom for his trilogy 'The Unfinished Memoirs,' 'The Prison Diaries,' and 'The New China 1952'?
(a) Sheikh Mujibur Rahman
(b) Gotabaya Rajapaksa
(c) K. P. Sharma Oli
(d) Sheikh Hasina
(e) Mahinda Rajapaksa

Q142. Which state in the northeast region has been awarded the Best State Award by the center for successful implementation of e-procurement?
(a) Assam
(b) Manipur
(c) Mizoram
(d) Meghalaya
(e) Tripura

Q143. Dr S. Jaishankar virtually inaugurated the Buzi Bridge, which is a part of the 132 km Tica-Buzi-Nova-Sofala Road project. The bridge, constructed by India, has been built in which country?
(a) India
(b) Mozambique
(c) Brazil
(d) Bangladesh
(e) Nepal

Q144. In August 2023, which state government has recently announced a plan to establish India's first Common Testing Centre for Unmanned Aerial Systems (UAS) (drones) under the Defence Testing Infrastructure Scheme (DTIS)?
(a) Maharashtra
(b) Andhra Pradesh
(c) Uttar Pradesh
(d) Tamil Nadu
(e) Bihar

Q145. IPO refers to the process by which a company offers its shares to the public for the first time. What does the 'O' stand for in the term IPO?
(a) Offering
(b) Open
(c) Opportunity
(d) Operation
(e) Offer

Q146. The Asian Development Bank (ADB) has approved a USD 40.5 million loan for an integrated project focusing on Early Childhood Development (ECD) and Maternal Mental Health in which of the following states?
(a) Assam
(b) Manipur
(c) Mizoram
(d) Meghalaya
(e) Tripura

Q147. _____ is a systematic record of all economic transactions between residents of one country and the rest of the world over a specific time period.
(a) Capital Account
(b) Trade Deficit
(c) Balance of Payments
(d) Inflation Rate
(e) Gross Domestic Product (GDP)

Q148. Which company won the first prize for the year 2021-22 in the Steel Ministry's Ispat Rajbhasha Samman?
(a) Tata Steel
(b) Reliance Industries
(c) RINL
(d) Hindalco Industries
(e) Steel Authority of India Limited (SAIL)

Q149. Christina Koch became the first woman astronaut ever assigned to a lunar mission. Who became the first black astronaut on Artemis 2?
(a) Michael Lopez-Alegria
(b) Victor Glover
(c) Peggy Whitson
(d) Scott Tingle
(e) Anne McClain

Q150. In May 2023, the Union Cabinet approved the establishment of a regional office of the Universal Postal Union in which city?
(a) New Delhi
(b) Mumbai, Maharashtra
(c) Chennai, Tamil Nadu
(d) Hyderabad, Telangana
(e) Bengaluru, Karnataka

Q151. Ruskin Bond, an Indian author, authored a new book titled "The Golden Years: The Many Joys of Living a Good Long Life", published by HarperCollins India. Which among the following books is not written by Ruskin Bond?
(a) School Times
(b) The Great Train Journey
(c) Children of India
(d) The House of Strange Stories
(e) Three Thousand Stitches

Q152. A Memorandum of Understanding (MoU) has been signed between the Government of India and the Government of _____ for an Open Sky Policy, allowing more flights between various cities in the two countries.
Which among the following will fit into the blank?
(a) Netherlands
(b) USA
(c) UK
(d) Armenia
(e) New Zealand

Q153. The Indira Sagar Dam is a multipurpose project of Madhya Pradesh state. On which river is this multipurpose project situated?
(a) Narmada
(b) Betwa
(c) Chambal
(d) Sone
(e) Sindh

Q154. The Sustainable Development Goals (SDGs), officially known as 'Transforming our world: the 2030 Agenda for Sustainable Development' is a set of 17 Global Goals to be achieved within 2030 by 193 Member States. What is SDG 8 about?
(a) Sustainable Cities and Communities
(b) Reduced Inequalities
(c) Decent Work and Economic Growth
(d) Affordable and Clean Energy
(e) Clean Water and Sanitation

Q155. In The Ministry of Textiles, In August 2023, approved the Startup Guidelines for Technical Textiles - Grant for Research and Entrepreneurship across Aspiring Innovators in Technical Textiles (GREAT) providing grant-in-aid up to _____.
Which among the following will fit into the blank?
(a) INR 50 Lakh
(b) INR 40 Lakh
(c) INR 30 Lakh
(d) INR 20 Lakh
(e) INR 10 Lakh

Q156. In the landlocked regions category, which state secured the top position in the Export Preparedness Index 2022?
(a) Rajasthan
(b) Madhya Pradesh
(c) Gujarat
(d) Haryana
(e) Chhattisgarh

Q157. In September 2023, what does the National Institution for Transforming India (NITI Aayog) aim to promote through its Special Campaign 2.0?
(a) Digital literacy
(b) Environmental conservation
(c) Cleanliness within government offices
(d) Financial inclusion
(e) Infrastructure development

Q158. Which bank has introduced the 'Nation First Transit Card' for seamless and convenient customer commuting experience and digital ticketing fare payments in the metro, buses, water ferries, and parking through a single card?
(a) HDFC Bank
(b) State Bank of India (SBI)
(c) ICICI Bank
(d) Axis Bank
(e) Punjab National Bank (PNB)

Q159. Chennai Super Kings won IPL 2023. Who received the Emerging Player Award in IPL 2023?
(a) Yashasvi Jaiswal
(b) Shubman Gill
(c) Prithvi Shaw
(d) Devdutt Padikkal
(e) Ishan Kishan

Q160. Which planet is the destination of the European Space Agency's JUICE spacecraft on its eight-year journey through the Solar System?
(a) Earth
(b) Mars
(c) Jupiter
(d) Saturn
(e) Venus

Q161. Workbook is a collection of _____ in MS Excel?
(a) page set-up
(b) buttons
(c) diagrams
(d) worksheets
(e) None of the above

Q162. The _____ menu contains the options to add symbols in a Word document.
(a) Home
(b) Insert
(c) Review
(d) Mailing
(e) None of the above

Q163.Which among the following is the short cut key for slideshow?
(a) F4
(b) F5
(c) F6
(d) F7
(e) F12

Q164.Word is a word processor developed by Microsoft. In MS Word spelling check is a feature available in which tab?
(a) Page Layout
(b) Home
(c) Insert
(d) Review
(e) None of the above

Q165.Which term is not related with font?
(a) Font face
(b) Font size
(c) Font color
(d) Font grammar
(e) None of the above

Q166.Which key should you use to indent the first paragraph of your report?
(a) tab key
(b) return key
(c) space bar
(d) shift key
(e) None of the above

Q167.What is decorative text called, that you can add to a document?
(a) Table
(b) Symbol
(c) WordArt
(d) Image
(e) None of the above

Q168. If a word is typed that is not in MS Word's dictionary, a wavy underline appears below the word. What is the color of the underline that appears in this situation?
(a) Blue
(b) Red
(c) Green
(d) Black
(e) None of the above

Q169.Moving a paragraph in MS-word from one place to another can be done by which of the following actions?
(a) Select, copy
(b) Select all, cut
(c) Select, cut and paste
(d) Select, design
(e) None of the above

Q170.Each box in a spreadsheet is called a _____.
(a) Cell
(b) Block
(c) Field
(d) Table
(e) None of the above

Q171. Microsoft Word can be used for Which purposes?
(i) To create business documents having various graphics including pictures, charts, and diagrams.
(ii) To store and reuse readymade content and formatted elements such as cover pages and sidebars.
(iii) To create letters and letter heads for personal and business purpose & design different documents such as resumes or invitation cards etc.
(iv)To create a range of correspondence from a simple office memo to legal copies and reference documents.
(a) (i) & (iii)
(b) only(iii)
(c) (i), (iii) & (iv)
(d) All of above
(e) None of the above

Q172. Which option will save an open document and will display options to send the document using email, etc.?
(a) Info
(b) Recent
(c) Save and Send
(d) Print
(e) None of the above

Q173. What is the shortcut of Right-Aligned Text?
(a) Ctrl + E
(b) Ctrl + I
(c) Ctrl + R
(d) Ctrl + L
(e) None of the above

Q174. Table button comes under which Tab in Microsoft word?
(a) Page Layout
(b) Insert
(c) Home
(d) Review
(e) None of the above

Q175. What is the perfect form of the Internet?
(a) Interconnected Network
(b) International Network
(c) Internal Network
(d) InterContinental Network
(e) None of the above

Q176. What is used to quickly apply the same formatting, such as color, font style and size, or border style, to multiple pieces of text or graphics?
(a) Text Effect and Typography
(b) Text Highlight Color
(c) Font Color
(d) Format Painter
(e) None of the above

Q177. What is the minimum number of rows and columns that a table of MS Word can have?
(a) 2 rows and 2 columns
(b) 1 row and 1 column
(c) 1 row and 2 columns
(d) 2 rows and 1 column
(e) None of the above

Q178. Which of the following shortcut is used to Move the insertion point to the beginning of the next paragraph in Microsoft Word?
(a) Shortcut CTRL+LEFT ARROW
(b) Shortcut CTRL+DOWN ARROW
(c) Shortcut CTRL+RIGHT ARROW
(d) Shortcut CTRL+UP ARROW
(e) None of the above

Q179. For what purpose are SHIFT+DELETE keys used in Microsoft Word?
(a) Rename the selected item
(b) Create a shortcut to the selected item
(c) Delete the selected item permanently without placing the item in the Recycle Bin
(d) Copy the selected item
(e) None of the above

Q180. For what purpose are CTRL+O keys used in Microsoft Word?
(a) Open the Open dialog box
(b) Open the Open dialog box, the same as CTRL+L
(c) Start another instance of the browser with the same Web address
(d) Open the Favorites bar
(e) None of the above

Q181. The term 'time sharing' has been replaced by?
(a) multi-tasking system
(b) multi-programming system
(c) multi-processing system
(d) multi-execution system
(e) None of the above

Q182. Press _____ to open 'Find' dialog box?
(a) Ctrl + F
(b) Alt + F
(c) Tab + F
(d) Ctrl + Alt + F
(e) None of the above

Q183. What is the overall term for creating, editing, formatting, storing, retrieving and printing a text document?
(a) Word processing
(b) Spreadsheet design
(c) Web design
(d) Database management
(e) None of the above

Q184. What happens when you click on Insert >> Picture >> Clip Art?
(a) It inserts a clipart picture into document
(b) It lets you choose clipart to insert into document
(c) It opens Clip Art taskbar
(d) It inserts a Smart Art graphics
(e) None of the above

Q185. What is a motion path?
(a) A type of animation entrance effect
(b) A method of advancing slides
(c) A method of moving items on a slide
(d) All of the above
(e) None of the above

Q186. What is that computer program called which translates one program instruction at a time into machine language?
(a) Compiler
(b) CPU
(c) Assembler
(d) Interpreter
(e) None of the above

Q187. What is another name for additive manufacturing?
(a) 3-D printing
(b) 2-D printing
(c) CPU Assembly
(d) Memory management
(e) None of the above

Q188. A _____ is a character that represents something else, such as a mathematical operator or a currency sign.
(a) Table
(b) Symbol
(c) WordArt
(d) Image
(e) None of the above

Q189. When the format consistency checker detects an inconsistency, it places a wavy underline below the affected text. What is the color of the underline that appears in this situation?
(a) Blue
(b) Red
(c) Green
(d) Black
(e) None of the above

Q190. A type of instruction that can produce several lines of machine language code is called a _____.
(a) Mnemonic
(b) Address
(c) Macro
(d) Assemble
(e) None of the above

Q191. "The basic goal of a computer process is to convert data into…."?
(a) graph
(b) information
(c) Tables
(d) files
(e) None of the above

Q192. In a computer, the function of converting AC current to DC current is?
(a) UPS
(b) SMPS
(c) inverter
(d) All of the above
(e) None of the above

Q193.Which of the following is first generation of computers?
(a) 1950-1965
(b) 1940-1950
(c) 1956–1965
(d) 1942-1956
(e) None of the above

Q194. Random Access Memory (RAM) is a type of memory?
(a) smart
(b) Flash
(c) Temporary
(d) Permanent
(e) None of the above

Q195. What users often use for access to mainframes or supercomputers?
(a) node
(b) handheld
(c) terminal
(d) desktop
(e) None of the above

Q196. Software is also called .....?
(a) Information
(b) Programs
(c) Data
(d) Process
(e) None of the above

Q197. The keys on the keyboard on which F1, F2 etc. are written are called .....?
(a) special purpose key
(b) typewriter key
(c) numeric key
(d) function key
(e) None of the above

Q198. What is the value of 1 kb?
(a) 1024 byte
(b) 16 bytes
(c) 1024MB
(d) 1024 KB
(e) None of the above

Q199. FDD connector has pins?
(a) 20
(b) 40
(c) 34
(d) All of the above
(e) None of the above

Q200. The part of the CPU that coordinates the activities of all other components of the computer.....

(a) arithmetic logic unit

(b) control unit

(c) coordination board

(d) motherboard

(e) None of the above

Solutions

S1. Ans.(c)

Sol.

Word	Code
Ball	Bl
Goal	Ao
Vaccine	Ci
Code	Oe
Fan	An
Truth	Ut
Mark	Rk
Cinema	Ne
Point/Shift	In/hi
Shift/Point	Hi/in

Code for "Truth Ball" is "ut bl".

S2. Ans.(b)

Sol.

Word	Code
Ball	Bl
Goal	Ao
Vaccine	Ci
Code	Oe
Fan	An
Truth	Ut
Mark	Rk
Cinema	Ne
Point/Shift	In/hi
Shift/Point	Hi/in

The possible code for "Cinema Point" is "in ne".

S3. Ans.(a)
Sol.

Word	Code
Ball	Bl
Goal	Ao
Vaccine	Ci
Code	Oe
Fan	An
Truth	Ut
Mark	Rk
Cinema	Ne
Point/Shift	In/hi
Shift/Point	Hi/in

The code for the word "Mark" is "rk".

S4. Ans.(d)
Sol.

Word	Code
Ball	Bl
Goal	Ao
Vaccine	Ci
Code	Oe
Fan	An
Truth	Ut
Mark	Rk
Cinema	Ne
Point/Shift	In/hi
Shift/Point	Hi/in

The possible code for "Insert Short" is "se or".

S5. Ans.(e)
Sol.

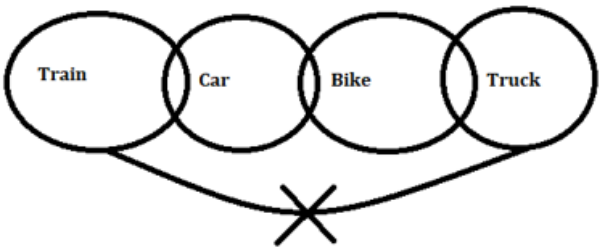
Word	Code
Ball	Bl
Goal	Ao
Vaccine	Ci
Code	Oe
Fan	An
Truth	Ut
Mark	Rk
Cinema	Ne
Point/Shift	In/hi
Shift/Point	Hi/in

The code for the word "Shift" is either hi or in". So, we can't determine the code.

S6. Ans.(d)

Sol. I. Follows – Because there is no direct relation between car and truck, so their relation will follow in possibilities.

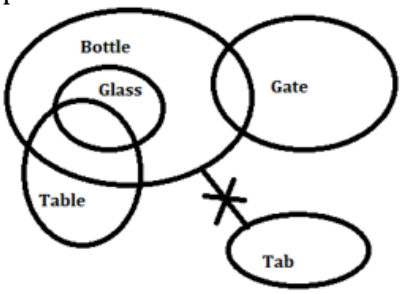
II. Follows - Because there is no direct relation between train and bike, so their relation will follow in possibilities.



S7. Ans.(a)

Sol. I. Follows – Because some glass is table. So, some bottle is table follows.

II. Follows – Because there is no direct relation between tab and gate, so their relation will follow in possibilities.



S8. Ans.(c)

Sol. I. Not Follows - Because there is no direct relation between bus and truck, so any definite relation will not follow.

II. Follows - Because there is no direct relation between cycle and jeep, so their relation will follow in possibilities.

S9. Ans.(b)

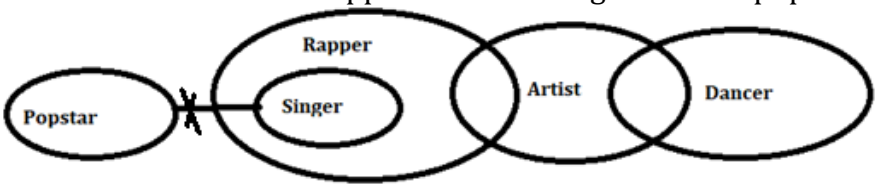
Sol. I. Follows – Because there is no direct relation between Transit and Line, so their relation will follow in possibilities.

II. Not Follows - Because there is no direct relation between Route and Line, so their relation will not follow in definite case.

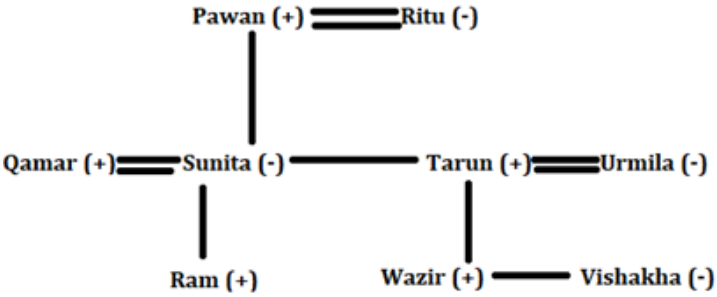
S10. Ans.(e)

Sol. I. Follows – Because there is no direct relation between Popstar and Dancer, so their relation will follow in possibilities.

II. Not Follows – Some Rappers who are singer can't be popstar. So, given relation will not follow.

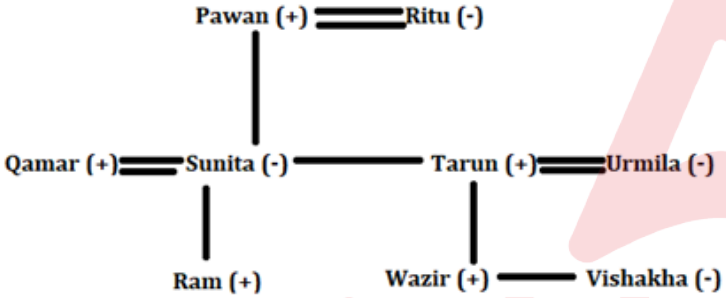


S11. Ans.(d)
Sol.



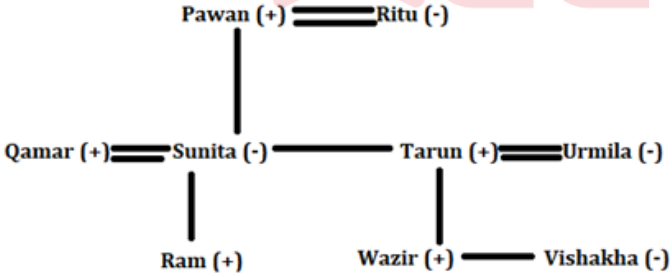
Qamar is the brother-in-law of Tarun.

S12. Ans.(b)
Sol.



Ritu is mother of wazir's father (Tarun).

S13. Ans.(c)
Sol.



Sunita's father (Pawan) is Grandfather of Vishakha's brother (Wazir).

S14. Ans.(e)
Sol. Logic: NUMBER- 1361425229 (the place value of the opposite letter of the given word).
26242422117 – ACCEPT.

S15. Ans.(d)
Sol. Words after the 2nd and 4th letter are interchanged – BKDS GDKT NELP CUKJ RSMI.
So, no meaningful word is formed.

S16. Ans.(c)
Sol. Place values of all the 2nd letters of all words are S – 19 T- 20 P - 16 J- 10 I - 9
So, the required sum = 74

S17. Ans.(a)
Sol.
Words after rearranged – ARCJ FSJC MOKD BIJT QHLR.
Thus, no words have more than one vowel.

S18. Ans.(e)
Sol.
Words after all letters are arranged – BDKS DGKT ELNP CJKU IMRS
Now, words are arranged in dictionary order– BDKS CJKU DGKT **ELNP** IMRS

S19. Ans.(b)
Sol. Three persons attend the meeting between E and the one who attends the meeting in Surat. E attends the meeting in the month having even number of days. A attends just after the one who attends meeting in Surat. So, here we have three possible cases.

Months	Dates	Persons	Cities	Persons	Cities	Persons	Cities
		Case 1		Case 2		Case 3	
January	17				Surat		
	24			A			Surat
April	17	E				A	
	24						
September	17			E			
	24					E	
December	17		Surat				
	24	A					

More than three persons attend the meetings between A and F. A and F attend the meetings on the same date. So, case 3 gets eliminated here because no place left for F. The number of persons attend the meeting before the one who attends the meeting in Surat, is one less than the number of persons attend the meeting after the one who attends the meeting in Kolkata.

Months	Dates	Persons	Cities	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		Case 2		~~Case 3~~	
January	17		Kolkata		Surat		
	24	F		A			~~Surat~~
April	17	E				~~A~~	
	24						
September	17			E			
	24					~~E~~	
December	17		Surat		Kolkata		
	24	A		F			

D attends meeting before G in the same month. Two persons attend the meeting between G and the one who attends meeting in Gwalior. So, case 2 gets eliminated here. The one who attends meeting in Pune attends three persons before B. C attends the meeting after the one who attends meeting in Kanpur.

Months	Dates	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		~~Case 2~~	
January	17		Kolkata		~~Surat~~
	24	F	Kanpur	~~A~~	
April	17	E	Gwalior	~~D~~	
	24	C	Pune	~~G~~	
September	17	D		~~E~~	
	24	G			
December	17	B	Surat		~~Kolkata~~
	24	A		~~F~~	

Here, H will attend meeting in Kolkata because H is left only. G neither attends meeting in Jalandhar nor in Bhopal. So, G will attend meeting in Haridwar. Thus, the final arrangement is:

Months	Dates	Persons	Cities
January	17	H	Kolkata
	24	F	Kanpur
April	17	E	Gwalior
	24	C	Pune
September	17	D	Bhopal/Jalandhar
	24	G	Haridwar
December	17	B	Surat
	24	A	Jalandhar/ Bhopal

H attends the business meeting on 17th January.

S20. Ans.(a)

Sol. Three persons attend the meeting between E and the one who attends the meeting in Surat. E attends the meeting in the month having even number of days. A attends just after the one who attends meeting in Surat. So, here we have three possible cases.

Months	Dates	Persons	Cities	Persons	Cities	Persons	Cities
		Case 1		Case 2		Case 3	
January	17				Surat		
	24			A			Surat
April	17	E				A	
	24						
September	17			E			
	24					E	
December	17		Surat				
	24	A					

More than three persons attend the meetings between A and F. A and F attend the meetings on the same date. So, case 3 gets eliminated here because no place left for F. The number of persons attend the meeting before the one who attends the meeting in Surat, is one less than the number of persons attend the meeting after the one who attends the meeting in Kolkata.

Months	Dates	Persons	Cities	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		Case 2		~~Case 3~~	
January	17		Kolkata		Surat		
	24	F		A			~~Surat~~
April	17	E				~~A~~	
	24						
September	17			E			
	24					~~E~~	
December	17		Surat		Kolkata		
	24	A		F			

D attends meeting before G in the same month. Two persons attend the meeting between G and the one who attends meeting in Gwalior. So, case 2 gets eliminated here. The one who attends meeting in Pune attends three persons before B. C attends the meeting after the one who attends meeting in Kanpur.

Months	Dates	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		~~Case 2~~	
January	17		Kolkata		~~Surat~~
	24	F	Kanpur	~~A~~	
April	17	E	Gwalior	~~D~~	
	24	C	Pune	~~G~~	
September	17	D		~~E~~	
	24	G			
December	17	B	Surat		~~Kolkata~~
	24	A		~~F~~	

Here, H will attend meeting in Kolkata because H is left only. G neither attends meeting in Jalandhar nor in Bhopal. So, G will attend meeting in Haridwar. Thus, the final arrangement is:

Months	Dates	Persons	Cities
January	17	H	Kolkata
	24	F	Kanpur
April	17	E	Gwalior
	24	C	Pune
September	17	D	Bhopal/Jalandhar
	24	G	Haridwar
December	17	B	Surat
	24	A	Jalandhar/ Bhopal

Option (a) is the correct combination.

S21. Ans.(d)

Sol. Three persons attend the meeting between E and the one who attends the meeting in Surat. E attends the meeting in the month having even number of days. A attends just after the one who attends meeting in Surat. So, here we have three possible cases.

Months	Dates	Persons	Cities	Persons	Cities	Persons	Cities
		Case 1		Case 2		Case 3	
January	17				Surat		
	24			A			Surat
April	17	E				A	
	24						
September	17			E			
	24					E	
December	17		Surat				
	24	A					

More than three persons attend the meetings between A and F. A and F attend the meetings on the same date. So, case 3 gets eliminated here because no place left for F. The number of persons attend the meeting before the one who attends the meeting in Surat, is one less than the number of persons attend the meeting after the one who attends the meeting in Kolkata.

Months	Dates	Persons	Cities	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		Case 2		~~Case 3~~	
January	17		Kolkata		Surat		
	24	F		A			~~Surat~~
April	17	E				~~A~~	
	24						
September	17			E			
	24					~~E~~	
December	17		Surat		Kolkata		
	24	A		F			

D attends meeting before G in the same month. Two persons attend the meeting between G and the one who attends meeting in Gwalior. So, case 2 gets eliminated here. The one who attends meeting in Pune attends three persons before B. C attends the meeting after the one who attends meeting in Kanpur.

Months	Dates	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		~~Case 2~~	
January	17		Kolkata		~~Surat~~
	24	F	Kanpur	~~A~~	
April	17	E	Gwalior	~~D~~	
	24	C	Pune	~~G~~	
September	17	D		~~E~~	
	24	G			
December	17	B	Surat		~~Kolkata~~
	24	A		~~F~~	

Here, H will attend meeting in Kolkata because H is left only. G neither attends meeting in Jalandhar nor in Bhopal. So, G will attend meeting in Haridwar. Thus, the final arrangement is:

Months	Dates	Persons	Cities
January	17	H	Kolkata
	24	F	Kanpur
April	17	E	Gwalior
	24	C	Pune
September	17	D	Bhopal/Jalandhar
	24	G	Haridwar
December	17	B	Surat
	24	A	Jalandhar/ Bhopal

Either A and D, attend the meeting in Bhopal.

S22. Ans.(c)

Sol. Three persons attend the meeting between E and the one who attends the meeting in Surat. E attends the meeting in the month having even number of days. A attends just after the one who attends meeting in Surat. So, here we have three possible cases.

Months	Dates	Persons	Cities	Persons	Cities	Persons	Cities
		Case 1		Case 2		Case 3	
January	17				Surat		
	24			A			Surat
April	17	E				A	
	24						
September	17			E			
	24					E	
December	17		Surat				
	24	A					

More than three persons attend the meetings between A and F. A and F attend the meetings on the same date. So, case 3 gets eliminated here because no place left for F. The number of persons attend the meeting before the one who attends the meeting in Surat, is one less than the number of persons attend the meeting after the one who attends the meeting in Kolkata.

Months	Dates	Persons	Cities	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		Case 2		~~Case 3~~	
January	17		Kolkata		Surat		
	24	F		A			~~Surat~~
April	17	E				~~A~~	
	24						
September	17			E			
	24					~~E~~	
December	17		Surat		Kolkata		
	24	A		F			

D attends meeting before G in the same month. Two persons attend the meeting between G and the one who attends meeting in Gwalior. So, case 2 gets eliminated here. The one who attends meeting in Pune attends three persons before B. C attends the meeting after the one who attends meeting in Kanpur.

Months	Dates	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		~~Case 2~~	
January	17		Kolkata		~~Surat~~
	24	F	Kanpur	~~A~~	
April	17	E	Gwalior	~~D~~	
	24	C	Pune	~~G~~	
September	17	D		~~E~~	
	24	G			
December	17	B	Surat		~~Kolkata~~
	24	A		~~F~~	

Here, H will attend meeting in Kolkata because H is left only. G neither attends meeting in Jalandhar nor in Bhopal. So, G will attend meeting in Haridwar. Thus, the final arrangement is:

Months	Dates	Persons	Cities
January	17	H	Kolkata
	24	F	Kanpur
April	17	E	Gwalior
	24	C	Pune
September	17	D	Bhopal/Jalandhar
	24	G	Haridwar
December	17	B	Surat
	24	A	Jalandhar/ Bhopal

Four persons attend the business meetings between H and the one who attends the meeting just before the one who attends business meeting in Surat.

S23. Ans.(e)

Sol. Three persons attend the meeting between E and the one who attends the meeting in Surat. E attends the meeting in the month having even number of days. A attends just after the one who attends meeting in Surat. So, here we have three possible cases.

Months	Dates	Persons	Cities	Persons	Cities	Persons	Cities
		Case 1		Case 2		Case 3	
January	17				Surat		
	24			A			Surat
April	17	E				A	
	24						
September	17			E			
	24					E	
December	17		Surat				
	24	A					

More than three persons attend the meetings between A and F. A and F attend the meetings on the same date. So, case 3 gets eliminated here because no place left for F. The number of persons attend the meeting before the one who attends the meeting in Surat, is one less than the number of persons attend the meeting after the one who attends the meeting in Kolkata.

Months	Dates	Persons	Cities	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		Case 2		~~Case 3~~	
January	17		Kolkata		Surat		
	24	F		A			~~Surat~~
April	17	E				~~A~~	
	24						
September	17			E			
	24					~~E~~	
December	17		Surat		Kolkata		
	24	A		F			

D attends meeting before G in the same month. Two persons attend the meeting between G and the one who attends meeting in Gwalior. So, case 2 gets eliminated here. The one who attends meeting in Pune attends three persons before B. C attends the meeting after the one who attends meeting in Kanpur.

Months	Dates	Persons	Cities	~~Persons~~	~~Cities~~
		Case 1		~~Case 2~~	
January	17		Kolkata		~~Surat~~
	24	F	Kanpur	~~A~~	
April	17	E	Gwalior	~~D~~	
	24	C	Pune	~~G~~	
September	17	D		~~E~~	
	24	G			
December	17	B	Surat		~~Kolkata~~
	24	A		~~F~~	

Here, H will attend meeting in Kolkata because H is left only. G neither attends meeting in Jalandhar nor in Bhopal. So, G will attend meeting in Haridwar. Thus, the final arrangement is:

Months	Dates	Persons	Cities
January	17	H	Kolkata
	24	F	Kanpur
April	17	E	Gwalior
	24	C	Pune
September	17	D	Bhopal/Jalandhar
	24	G	Haridwar
December	17	B	Surat
	24	A	Jalandhar/ Bhopal

The number of persons attend the business meetings before E is same as the number of persons attends the business meetings after the one who attends the meeting in Haridwar.

S24. Ans.(a)

Sol. Baleno car contains fewer fuel than only two cars. The car which contains third lowest fuel contains 40-liter fuels.

Order	Cars	Fuel (liter)
Highest		
	Baleno	
		40
Lowest		

Swift car contains more fuel than I10 car but less than I20 car. I10 car does not contain least fuel. I20 car contains fewer fuel than BMW car.

Order	Cars	Fuel (liter)
Highest	BMW	
	I20	
	Baleno	
	Swift	40
	I10	
Lowest		

At this point we can say that Jaguar car contains least fuel.

Order	Cars	Fuel (liter)
Highest	BMW	
	I20	
	Baleno	
	Swift	40
	I10	
Lowest	Jaguar	

Three cars are between the BMW and the I10.

S25. Ans.(a)

Sol. Baleno car contains fewer fuel than only two cars. The car which contains third lowest fuel contains 40-liter fuels.

Order	Cars	Fuel (liter)
Highest		
	Baleno	
		40
Lowest		

Swift car contains more fuel than I10 car but less than I20 car. I10 car does not contain least fuel. I20 car contains fewer fuel than BMW car.

Order	Cars	Fuel (liter)
Highest	BMW	
	I20	
	Baleno	
	Swift	40
	I10	
Lowest		

At this point we can say that Jaguar car contains least fuel.

Order	Cars	Fuel (liter)
Highest	BMW	
	I20	
	Baleno	
	Swift	40
	I10	
Lowest	Jaguar	

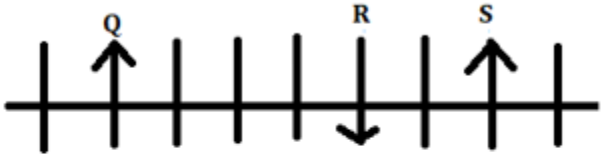
Swift car contains 40-liter fuel.

RBI 2023
Assistant Mains
Test Series

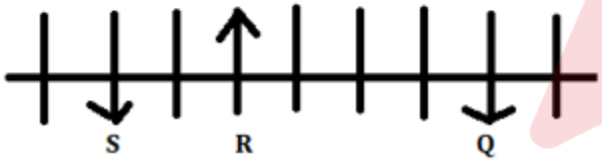
S26. Ans.(b)

Sol. Only five persons are standing between S and Q, and both of them face the same direction but does not stand at any of the ends. R stands second to the left of S and faces the opposite direction as S. Here, we get two possible cases:-

Case 1

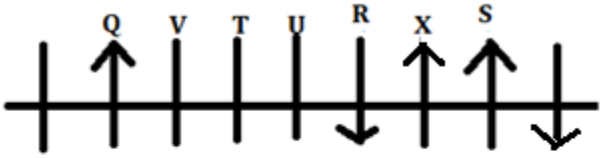


Case 2

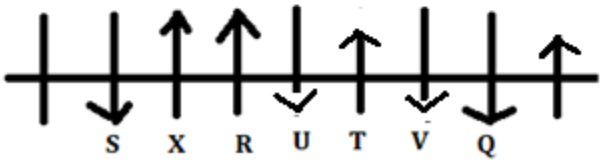


T stands adjacent to both U and V, where both U and V face the same direction but opposite direction as T. X faces towards the north and does not stand at the ends of the row. V doesn't stand adjacent to R. Not more than two adjacent persons are facing the same direction

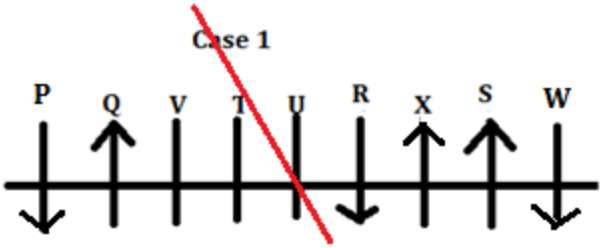
Case 1

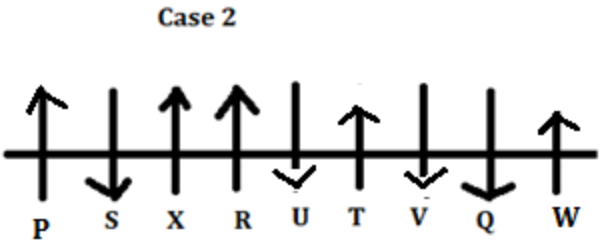


Case 2

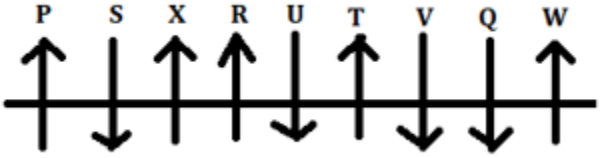


W stands to the right of X and faces the same direction as P who faces the same direction as X. Here, case 1 gets eliminated.





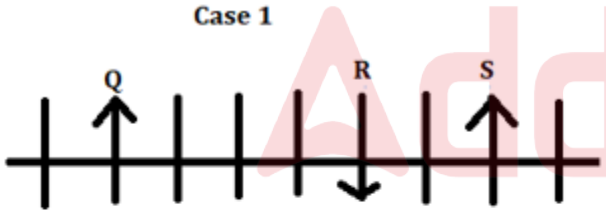
Thus, Final arrangement is: -

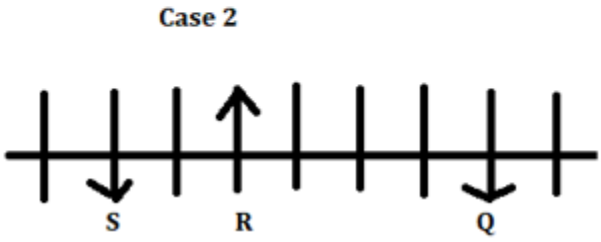


W is related to T.

S27. Ans.(c)

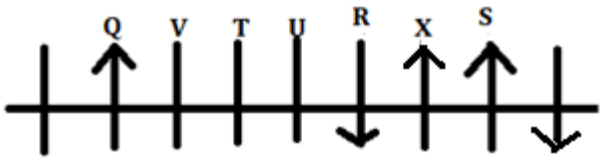
Sol. Only five persons are standing between S and Q, and both of them face the same direction but does not stand at any of the ends. R stands second to the left of S and faces the opposite direction as S. Here, we get two possible cases:-



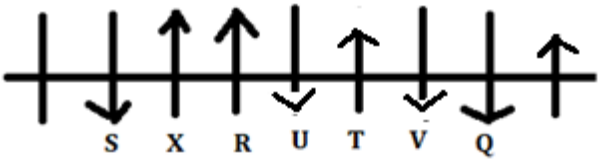


T stands adjacent to both U and V, where both U and V face the same direction but opposite direction as T. X faces towards the north and does not stand at the ends of the row. V doesn't stand adjacent to R. Not more than two adjacent persons are facing the same direction

Case 1

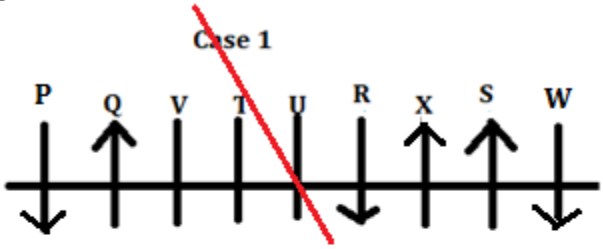


Case 2

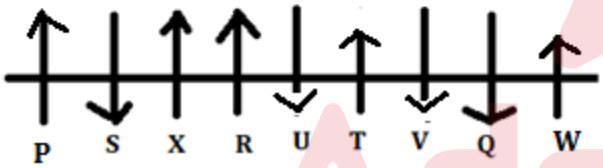


W stands to the right of X and faces the same direction as P who faces the same direction as X. Here, case 1 gets eliminated.

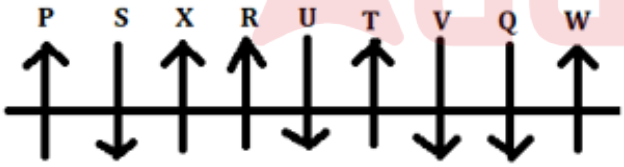
Case 1



Case 2



Thus, Final arrangement is: -

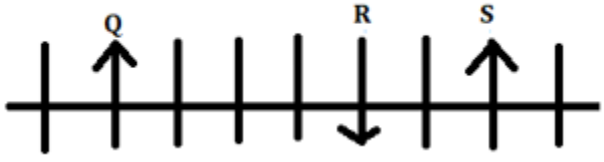


U is fourth to the left of W.

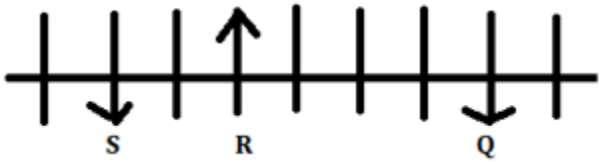
S28. Ans.(c)

Sol. Only five persons are standing between S and Q, and both of them face the same direction but does not stand at any of the ends. R stands second to the left of S and faces the opposite direction as S. Here, we get two possible cases:-

Case 1

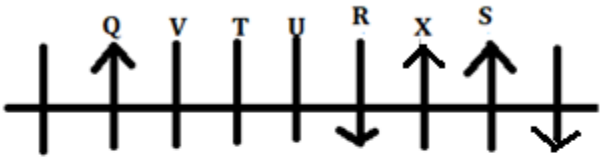


Case 2

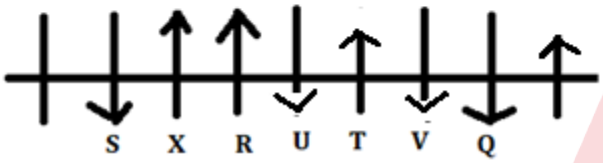


T stands adjacent to both U and V, where both U and V face the same direction but opposite direction as T. X faces towards the north and does not stand at the ends of the row. V doesn't stand adjacent to R. Not more than two adjacent persons are facing the same direction

Case 1



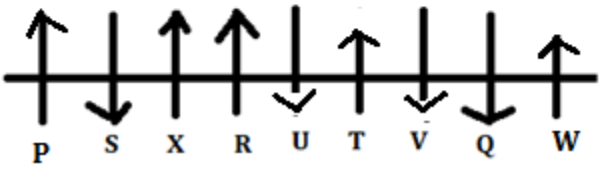
Case 2



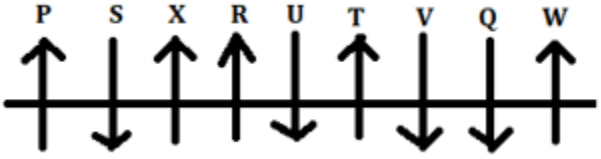
W stands to the right of X and faces the same direction as P who faces the same direction as X. Here, case 1 gets eliminated.

Case 1

Case 2



Thus, Final arrangement is: -

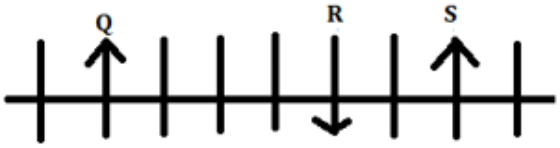


Except option (c), second person stands to the immediate right of first person in other options.

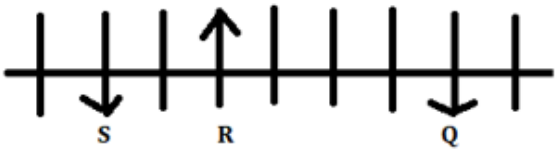
S29. Ans.(a)

Sol. Only five persons are standing between S and Q, and both of them face the same direction but does not stand at any of the ends. R stands second to the left of S and faces the opposite direction as S. Here, we get two possible cases:-

Case 1

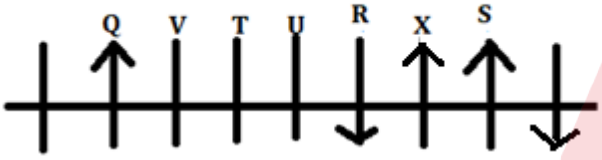


Case 2



T stands adjacent to both U and V, where both U and V face the same direction but opposite direction as T. X faces towards the north and does not stand at the ends of the row. V doesn't stand adjacent to R. Not more than two adjacent persons are facing the same direction

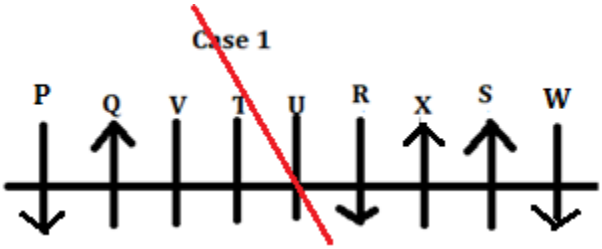
Case 1



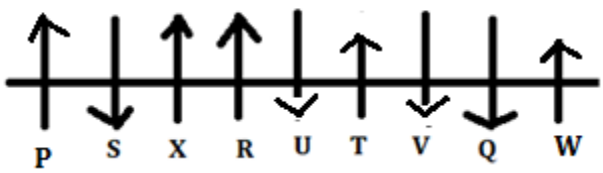
Case 2

W stands to the right of X and faces the same direction as P who faces the same direction as X. Here, case 1 gets eliminated.

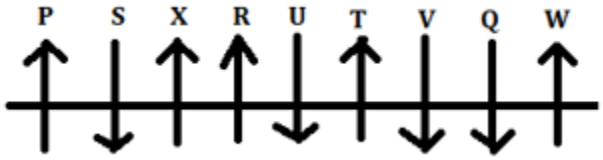
Case 1



Case 2



Thus, Final arrangement is: -

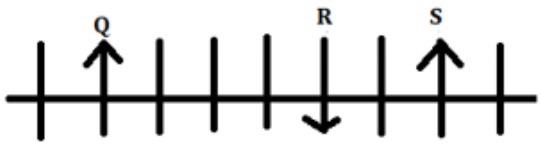


No such person stands fourth to the left of R.

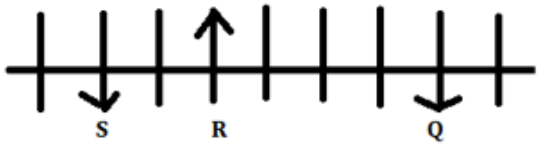
S30. Ans.(d)

Sol. Only five persons are standing between S and Q, and both of them face the same direction but does not stand at any of the ends. R stands second to the left of S and faces the opposite direction as S. Here, we get two possible cases:-

Case 1

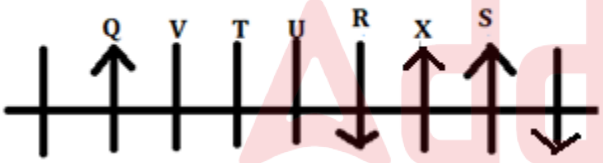


Case 2

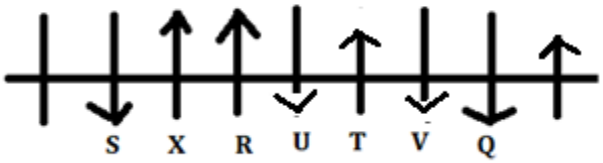


T stands adjacent to both U and V, where both U and V face the same direction but opposite direction as T. X faces towards the north and does not stand at the ends of the row. V doesn't stand adjacent to R. Not more than two adjacent persons are facing the same direction

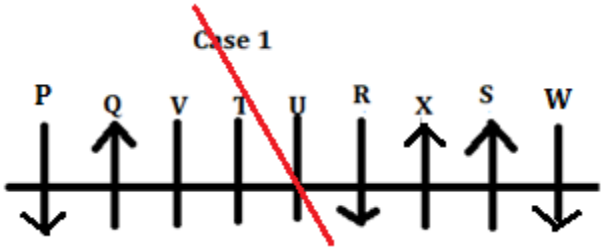
Case 1



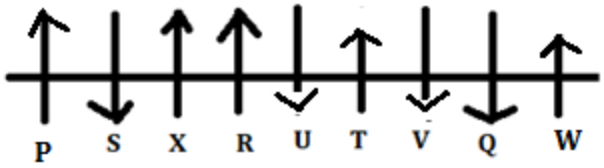
Case 2



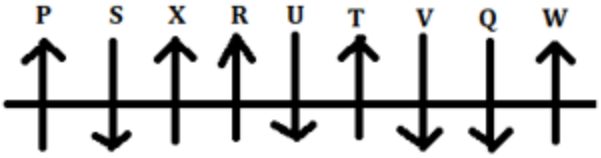
W stands to the right of X and faces the same direction as P who faces the same direction as X. Here, case 1 gets eliminated.



Case 2



Thus, Final arrangement is: -



The number of persons stand to the right of V is two more than the number of persons stands to the left of U.

S31. Ans.(c)

Sol. Two persons are designated higher than the one who belongs to UK who has the adjacent designation to Lalit. The number of persons senior to Lalit is the same as junior to the one who belongs to Europe, who is three designations junior to Kamal. The one who belongs to Tanzania is just junior to the one who belongs to Europe. We get two possible cases:-

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit			
Vice Principal	Kamal	UK		UK
Head Master			Lalit	Europe
Teaching Staff				Tanzania
Non-Teaching Staff		Europe		
Student		Tanzania		

Two persons are designated between Naina and the one who belongs to Tanzania. The designation's place of Naina with respect to the one who belongs to UK, is same as the designation's place of Qamil with respect to the one who belongs to Europe. The number of persons designated between Kamal and Qamil is one more than between Lalit and Priti.

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit		Naina	
Vice Principal	Kamal	UK	Qamil	UK
Head Master	Naina		Lalit	Europe
Teaching Staff	Priti		Priti	Tanzania
Non-Teaching Staff		Europe		
Student	Qamil	Tanzania		

Two persons are designated between Priti and the one who belongs to America. Om is neither the chief secretary nor non-teaching staff but immediately junior to the one who belongs to Malaysia. Here, case 1 get eliminated here.

Designations	~~Persons~~	~~Places~~	Persons	Places
	~~Case 1~~		Case 2	
Chief Secretary			Kamal	
Principal	~~Lalit~~	~~America~~	Naina	America
Vice Principal	~~Kamal~~	~~UK~~	Qamil	UK
Head Master	~~Naina~~		Lalit	Europe
Teaching Staff	~~Priti~~		Priti	Tanzania
Non-Teaching Staff		~~Europe~~		Malaysia
Student	~~Qamil~~	~~Tanzania~~	Om	

The one who belongs to London is senior to the one who belongs to Canada. Remaining person is Manu here. So, the final arrangement is:

Designations	Persons	Places
Chief Secretary	Kamal	London
Principal	Naina	America
Vice Principal	Qamil	UK
Head Master	Lalit	Europe
Teaching Staff	Priti	Tanzania
Non-Teaching Staff	Manu	Malaysia
Student	Om	Canada

The one who belongs to London is the one who is chief secretary.

S32. Ans.(d)

Sol. Two persons are designated higher than the one who belongs to UK who has the adjacent designation to Lalit. The number of persons senior to Lalit is the same as junior to the one who belongs to Europe, who is three designations junior to Kamal. The one who belongs to Tanzania is just junior to the one who belongs to Europe. We get two possible cases:-

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit			
Vice Principal	Kamal	UK		UK
Head Master			Lalit	Europe
Teaching Staff				Tanzania
Non-Teaching Staff		Europe		
Student		Tanzania		

Two persons are designated between Naina and the one who belongs to Tanzania. The designation's place of Naina with respect to the one who belongs to UK, is same as the designation's place of Qamil with respect to the one who belongs to Europe. The number of persons designated between Kamal and Qamil is one more than between Lalit and Priti.

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit		Naina	
Vice Principal	Kamal	UK	Qamil	UK
Head Master	Naina		Lalit	Europe
Teaching Staff	Priti		Priti	Tanzania
Non-Teaching Staff		Europe		
Student	Qamil	Tanzania		

Two persons are designated between Priti and the one who belongs to America. Om is neither the chief secretary nor non-teaching staff but immediately junior to the one who belongs to Malaysia. Here, case 1 get eliminated here.

Designations	~~Persons~~	~~Places~~	Persons	Places
	~~Case 1~~		Case 2	
Chief Secretary			Kamal	
Principal	~~Lalit~~	~~America~~	Naina	America
Vice Principal	~~Kamal~~	~~UK~~	Qamil	UK
Head Master	~~Naina~~		Lalit	Europe
Teaching Staff	~~Priti~~		Priti	Tanzania
Non-Teaching Staff		~~Europe~~		Malaysia
Student	~~Qamil~~	~~Tanzania~~	Om	

The one who belongs to London is senior to the one who belongs to Canada. Remaining person is Manu here. So, the final arrangement is:

Designations	Persons	Places
Chief Secretary	Kamal	London
Principal	Naina	America
Vice Principal	Qamil	UK
Head Master	Lalit	Europe
Teaching Staff	Priti	Tanzania
Non-Teaching Staff	Manu	Malaysia
Student	Om	Canada

Manu's designation is the Non-Teaching Staff.

S33. Ans.(b)

Sol. Two persons are designated higher than the one who belongs to UK who has the adjacent designation to Lalit. The number of persons senior to Lalit is the same as junior to the one who belongs to Europe, who is three designations junior to Kamal. The one who belongs to Tanzania is just junior to the one who belongs to Europe. We get two possible cases:-

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit			
Vice Principal	Kamal	UK		UK
Head Master			Lalit	Europe
Teaching Staff				Tanzania
Non-Teaching Staff		Europe		
Student		Tanzania		

Two persons are designated between Naina and the one who belongs to Tanzania. The designation's place of Naina with respect to the one who belongs to UK, is same as the designation's place of Qamil with respect to the one who belongs to Europe. The number of persons designated between Kamal and Qamil is one more than between Lalit and Priti.

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit		Naina	
Vice Principal	Kamal	UK	Qamil	UK
Head Master	Naina		Lalit	Europe
Teaching Staff	Priti		Priti	Tanzania
Non-Teaching Staff		Europe		
Student	Qamil	Tanzania		

Two persons are designated between Priti and the one who belongs to America. Om is neither the chief secretary nor non-teaching staff but immediately junior to the one who belongs to Malaysia. Here, case 1 get eliminated here.

Designations	~~Persons~~	~~Places~~	Persons	Places
	~~Case 1~~		Case 2	
Chief Secretary			Kamal	
Principal	~~Lalit~~	~~America~~	Naina	America
Vice Principal	~~Kamal~~	~~UK~~	Qamil	UK
Head Master	~~Naina~~		Lalit	Europe
Teaching Staff	~~Priti~~		Priti	Tanzania
Non-Teaching Staff		~~Europe~~		Malaysia
Student	~~Qamil~~	~~Tanzania~~	Om	

The one who belongs to London is senior to the one who belongs to Canada. Remaining person is Manu here. So, the final arrangement is:

Designations	Persons	Places
Chief Secretary	Kamal	London
Principal	Naina	America
Vice Principal	Qamil	UK
Head Master	Lalit	Europe
Teaching Staff	Priti	Tanzania
Non-Teaching Staff	Manu	Malaysia
Student	Om	Canada

Two persons are designated between Naina and Priti.

S34. Ans.(b)

Sol. Two persons are designated higher than the one who belongs to UK who has the adjacent designation to Lalit. The number of persons senior to Lalit is the same as junior to the one who belongs to Europe, who is three designations junior to Kamal. The one who belongs to Tanzania is just junior to the one who belongs to Europe. We get two possible cases:-

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit			
Vice Principal	Kamal	UK		UK
Head Master			Lalit	Europe
Teaching Staff				Tanzania
Non-Teaching Staff		Europe		
Student		Tanzania		

Two persons are designated between Naina and the one who belongs to Tanzania. The designation's place of Naina with respect to the one who belongs to UK, is same as the designation's place of Qamil with respect to the one who belongs to Europe. The number of persons designated between Kamal and Qamil is one more than between Lalit and Priti.

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit		Naina	
Vice Principal	Kamal	UK	Qamil	UK
Head Master	Naina		Lalit	Europe
Teaching Staff	Priti		Priti	Tanzania
Non-Teaching Staff		Europe		
Student	Qamil	Tanzania		

Two persons are designated between Priti and the one who belongs to America. Om is neither the chief secretary nor non-teaching staff but immediately junior to the one who belongs to Malaysia. Here, case 1 get eliminated here.

Designations	~~Persons~~	~~Places~~	Persons	Places
	~~Case 1~~		Case 2	
Chief Secretary			Kamal	
Principal	~~Lalit~~	~~America~~	Naina	America
Vice Principal	~~Kamal~~	~~UK~~	Qamil	UK
Head Master	~~Naina~~		Lalit	Europe
Teaching Staff	~~Priti~~		Priti	Tanzania
Non-Teaching Staff		~~Europe~~		Malaysia
Student	~~Qamil~~	~~Tanzania~~	Om	

The one who belongs to London is senior to the one who belongs to Canada. Remaining person is Manu here. So, the final arrangement is:

Designations	Persons	Places
Chief Secretary	Kamal	London
Principal	Naina	America
Vice Principal	Qamil	UK
Head Master	Lalit	Europe
Teaching Staff	Priti	Tanzania
Non-Teaching Staff	Manu	Malaysia
Student	Om	Canada

Qamil belong to UK.

S35. Ans.(a)

Sol. Two persons are designated higher than the one who belongs to UK who has the adjacent designation to Lalit. The number of persons senior to Lalit is the same as junior to the one who belongs to Europe, who is three designations junior to Kamal. The one who belongs to Tanzania is just junior to the one who belongs to Europe. We get two possible cases:-

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit			
Vice Principal	Kamal	UK		UK
Head Master			Lalit	Europe
Teaching Staff				Tanzania
Non-Teaching Staff		Europe		
Student		Tanzania		

Two persons are designated between Naina and the one who belongs to Tanzania. The designation's place of Naina with respect to the one who belongs to UK, is same as the designation's place of Qamil with respect to the one who belongs to Europe. The number of persons designated between Kamal and Qamil is one more than between Lalit and Priti.

Designations	Persons	Places	Persons	Places
	Case 1		Case 2	
Chief Secretary			Kamal	
Principal	Lalit		Naina	
Vice Principal	Kamal	UK	Qamil	UK
Head Master	Naina		Lalit	Europe
Teaching Staff	Priti		Priti	Tanzania
Non-Teaching Staff		Europe		
Student	Qamil	Tanzania		

Two persons are designated between Priti and the one who belongs to America. Om is neither the chief secretary nor non-teaching staff but immediately junior to the one who belongs to Malaysia. Here, case 1 get eliminated here.

Designations	~~Persons~~	~~Places~~	Persons	Places
	~~Case 1~~		Case 2	
Chief Secretary			Kamal	
Principal	~~Lalit~~	~~America~~	Naina	America
Vice Principal	~~Kamal~~	~~UK~~	Qamil	UK
Head Master	~~Naina~~		Lalit	Europe
Teaching Staff	~~Priti~~		Priti	Tanzania
Non-Teaching Staff		~~Europe~~		Malaysia
Student	~~Qamil~~	~~Tanzania~~	Om	

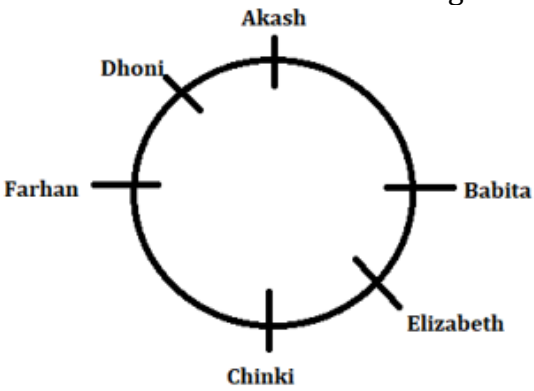
The one who belongs to London is senior to the one who belongs to Canada. Remaining person is Manu here. So, the final arrangement is:

Designations	Persons	Places
Chief Secretary	Kamal	London
Principal	Naina	America
Vice Principal	Qamil	UK
Head Master	Lalit	Europe
Teaching Staff	Priti	Tanzania
Non-Teaching Staff	Manu	Malaysia
Student	Om	Canada

One person remains unchanged.

S36. Ans.(d)
Sol. If the data in all the statement I, II and III are necessary to answer the question.
Only "pursuit" is common in all three statements and the only common code is "@".

S37. Ans.(b)
Sol. If both statements I and II together are sufficient



S38. Ans.(c)
Sol. If the data in all the statement I, II and III together are not sufficient to answer the question.

S39. Ans.(e)
Sol. If both statements I and II together are sufficient.

Days	Lectures
Sunday	Mathematics
Monday	Biology
Tuesday	Sociology
Wednesday	Hindi Literature
Thursday	Political

S40. Ans.(c)
Sol. If statement I alone is sufficient.

S41. Ans.(d)
Sol. By going through the all sentences, we can conclude that the given paragraph is talking about cigarette smoking and its harmful effects. The first sentence of the rearrangement will be sentence (D) which begins the passage. Second in the sequence will be sentence (A) which mentions the reason for smoking being a pleasured and rewarded experience. Sentence (C) is fixed as a third sentence of the rearrangement. Sentence (C) will be followed by sentence (F) which mentions the health problems which can be caused due to smoking. Fifth in the rearrangement will be sentence (B) which mentions smoke can cause health problems in nonsmokers also. Last in the rearrangement will be sentence (E) which mentions that children are at more risk for more severe health diseases due to cigarette smoke. Therefore, the correct rearrangement will be DACFBE.

S42. Ans.(e)

Sol. By going through the all sentences, we can conclude that the given paragraph is talking about cigarette smoking and its harmful effects. The first sentence of the rearrangement will be sentence (D) which begins the passage. Second in the sequence will be sentence (A) which mentions the reason for smoking being a pleasured and rewarded experience. Sentence (C) is fixed as a third sentence of the rearrangement. Sentence (C) will be followed by sentence (F) which mentions the health problems which can be caused due to smoking. Fifth in the rearrangement will be sentence (B) which mentions smoke can cause health problems in nonsmokers also. Last in the rearrangement will be sentence (E) which mentions that children are at more risk for more severe health diseases due to cigarette smoke. Therefore, the correct rearrangement will be DACFBE.

S43. Ans.(c)

Sol. By going through the all sentences, we can conclude that the given paragraph is talking about cigarette smoking and its harmful effects. The first sentence of the rearrangement will be sentence (D) which begins the passage. Second in the sequence will be sentence (A) which mentions the reason for smoking being a pleasured and rewarded experience. Sentence (C) is fixed as a third sentence of the rearrangement. Sentence (C) will be followed by sentence (F) which mentions the health problems which can be caused due to smoking. Fifth in the rearrangement will be sentence (B) which mentions smoke can cause health problems in nonsmokers also. Last in the rearrangement will be sentence (E) which mentions that children are at more risk for more severe health diseases due to cigarette smoke. Therefore, the correct rearrangement will be DACFBE.

S44. Ans.(a)

Sol. By going through the all sentences, we can conclude that the given paragraph is talking about cigarette smoking and its harmful effects. The first sentence of the rearrangement will be sentence (D) which begins the passage. Second in the sequence will be sentence (A) which mentions the reason for smoking being a pleasured and rewarded experience. Sentence (C) is fixed as a third sentence of the rearrangement. Sentence (C) will be followed by sentence (F) which mentions the health problems which can be caused due to smoking. Fifth in the rearrangement will be sentence (B) which mentions smoke can cause health problems in nonsmokers also. Last in the rearrangement will be sentence (E) which mentions that children are at more risk for more severe health diseases due to cigarette smoke. Therefore, the correct rearrangement will be DACFBE.

S45. Ans.(b)

Sol. By going through the all sentences, we can conclude that the given paragraph is talking about cigarette smoking and its harmful effects. The first sentence of the rearrangement will be sentence (D) which begins the passage. Second in the sequence will be sentence (A) which mentions the reason for smoking being a pleasured and rewarded experience. Sentence (C) is fixed as a third sentence of the rearrangement. Sentence (C) will be followed by sentence (F) which mentions the health problems which can be caused due to smoking. Fifth in the rearrangement will be sentence (B) which mentions smoke can cause health problems in nonsmokers also. Last in the rearrangement will be sentence (E) which mentions that children are at more risk for more severe health diseases due to cigarette smoke. Therefore, the correct rearrangement will be DACFBE.

S46. Ans.(b)
Sol. The correct rearrangement of the phrases will be BADC. After the rearrangement the sentence form will be, "Her passion for music led her to start a band and despite her busy schedule she spends most of her weekends performing at local gigs where she could channel her creativity."

S47. Ans.(d)
Sol. The correct rearrangement of the phrases will be DBCA. After the rearrangement the sentence form will be, "Even after his fear of water he had always been fascinated by the ocean and dreamed of one day exploring its depths then finally he took up scuba diving and never looked back."

S48. Ans.(c)
Sol. Both (A) and (B) are misspelt and their correct spellings are 'surging' which means increasing suddenly and 'prompted' that means done without delay; immediate.

S49. Ans.(c)
Sol. Both (B) and (D) are misspelt and their correct spellings are 'resistance which means the ability not to be affected by something, especially adversely' and 'businesses mean a person's regular occupation, profession, or trade.'

S50. Ans.(b)
Sol. Both (B) and (D) are misspelt and their correct spellings are 'potential- having or showing the capacity to develop into something in the future' and 'serious' means demanding or characterized by careful consideration or application.

S51. Ans.(d)
Sol. Only (A) is misspelt and its correct spelling is 'outbreak'- a sudden occurrence of something unwelcome , such as war or disease.

S52. Ans.(d)
Sol. Both 'expend' and 'personel' are misspelt and their correct spellings are 'expand' and 'personnel'.
Expend: to spend or use money, time, care, etc. in doing something
Expand: to become or to make something bigger
Personnel: people employed in an organization

S53. Ans.(a)
Sol. The sentences can be formed by combining A-D and C-F. The sentences form will be, "Despite numerous efforts to eradicate poverty, poverty continues to be a persistent problem worldwide. "
"The discovery of a new species of insect highlights the importance of biodiversity conservation in ecological systems."

S54. Ans.(c)
Sol. The sentences can be formed by combining B-E and C-D. The sentences form will be, "Renewable energy sources are gaining popularity worldwide due to their cost-effectiveness, efficiency, and eco-friendliness."
"The newly appointed CEO has a vision of expanding the company's market share in the developing economies of Asia and Africa."

S55. Ans.(d)
Sol. The sentence can be formed by combining C-E. The sentence form will be, "With the rise of e-commerce, traditional retailers are facing tough competition and are struggling to survive in the market."

S56. Ans.(e)
Sol. No sentence can be formed by combining any of the phrases.

S57. Ans.(a)
Sol. The sentences can be formed by combining A-F and C-D. The sentence form will be, "The CEO's vision for the company was clear from the outset that helped the company achieve its goals."
"It is important to read the terms and conditions before signing a contract to avoid any disputes later on."

S58. Ans.(b)
Sol. The word "**therefore**" is appropriate here as it indicates a logical consequence of Maya's car breaking down.
Therefore, the sentence will be, "Maya's car broke down on the way to the airport, therefore she missed her flight yesterday".
(a) Although: This word is a conjunction that is used to introduce a contrasting or surprising statement to what has been mentioned before. It is often used to show a contradiction between two statements.
(b) Therefore: This word is an adverb that indicates a conclusion or consequence based on the preceding statement. It is often used to indicate a cause-and-effect relationship between two statements.
(c) Despite: This word is a preposition that shows contrast and is used to indicate that something is happening or exists, in spite of a particular condition or circumstance. It is often used to express a contradiction or opposition between two statements.
(d) Yet: yet is used as an adverb to refer to a time which starts in the past and continues up to the present. We use it mostly in negative statements or questions in the present perfect. It usually comes in end position
(e) Moreover: This word is an adverb that is used to add information that supports or extends a previous statement. It is often used to indicate that an additional point is being made that strengthens an argument or position.

S59. Ans.(d)
Sol. The word "**and**" is appropriate here.
Therefore, the sentence will be, "John loves to play soccer since his childhood, and he joined the school soccer team for the upcoming championship".
(a) While: This word is a conjunction that indicates a contrast or a simultaneous occurrence of two events. It is often used to show that two actions or events are happening at the same time, or to highlight a difference or contradiction between them.
(b) But: This word is a conjunction that is used to introduce a contrast, contradiction, or exception to what has been mentioned before. It is often used to indicate a change in direction or a shift in focus, and to introduce a contrasting idea or statement.
(c) Either: This word is a conjunction that introduces one of two or more possibilities or options. It is often used to show a choice between two alternatives or to indicate that there are multiple options to consider.
(d) And: This word is a conjunction that connects two or more words, phrases, or clauses to show a relationship of addition, combination, or similarity. It is often used to join multiple ideas together or to show that two things are connected or related.
(e) Whereas: This word is a conjunction that introduces a contrast between two statements or situations. It is often used to show a difference or opposition between two ideas or to indicate that something is unexpected or surprising in light of what was mentioned before.

S60. Ans.(d)
Sol. The word "**but**" is appropriate here as it indicates contradiction between two statements.
Therefore, the sentence will be, “Your blood pressure is slightly low since yesterday but you don’t need to get admitted to the hospital.”
(a) and: This option would connect the two sentences without indicating any relationship between them. It would make it sound like two separate pieces of information, not necessarily related. Hence, we cannot use this connector.
(b) as a result: This option would imply a cause-and-effect relationship, suggesting that the low blood pressure is the cause of not needing to get admitted. However, this may not be the intended meaning in the original sentences. For example: "Your blood pressure is slightly low since yesterday, as a result, you don't need to get admitted to the hospital."
(c) instead: This option suggests a contrast or alternative action. It would imply that rather than getting admitted to the hospital, there's an alternative action to take regarding the low blood pressure. However, this might not accurately convey the original meaning. For example: "Your blood pressure is slightly low since yesterday, instead you don't need to get admitted to the hospital."
(d) but: This is the correct answer. "But" is a conjunction used to contrast or show a contradiction between two statements. It's suitable for indicating that despite the low blood pressure, there's no need for hospital admission. For example: "Your blood pressure is slightly low since yesterday, but you don't need to get admitted to the hospital."
(e) additionally: This option would imply that there is some additional information to follow the second statement, which may not be the case in the original sentences. For example: "Your blood pressure is slightly low since yesterday, additionally you don't need to get admitted to the hospital."
In this context, "but" is the most appropriate option as it accurately conveys the intended meaning of contrasting the two statements.

S61. Ans.(a)
Sol. The correct word for both the given blanks is ‘**integral**’. This word fits both sentences and makes them coherent. In the first sentence, small businesses are essential to the growth and prosperity of the economy, so the word "integral" is appropriate. In the second sentence, the impact of the pandemic has been significant and pervasive, making "integral" an appropriate word to use.
(a) integral: necessary in order to make something complete
(b) negligible: very small and therefore not important
(c) tangential: relating to or along a tangent.
(d) ephemeral: lasting or used for only a short period of time
(e) deplorable: morally bad and deserving disapproval

S62. Ans.(e)
Sol. The correct word for both the given blank is ‘**collaborative**’. In the first sentence, the company's collaborative strategy is effective in attracting new customers, so it is a suitable word to use. In the second sentence, the collaborative nature of the negotiations makes it difficult to predict the outcome.
(a) vague: of uncertain, indefinite, or unclear character or meaning.
(b) scrutiny: being carefully examined especially in a critical way.
(c) clandestine: secret and often not legal
(d) explosive: able or likely to shatter violently or burst apart.
(e) collaborative: produced by or involving two or more parties working together.

S63. Ans.(d)
Sol. The correct word for both the given blank is '**scope**'. In the first sentence, the government has introduced a new scope to help businesses affected by the pandemic, which refers to the extent or range of the assistance provided. In the second sentence, the scope of the investigation is still unknown, which refers to the extent of the investigation.
(a) consequences: a result or effect, typically one that is unwelcome or unpleasant. However the sentence requires a singular subject.
(b) credible: the quality that somebody has that makes people believe or trust him/her
(c) flutter: fly unsteadily or hover by flapping the wings quickly and lightly.
(d) scope: the chance or opportunity to do something
(e) fleet: a group of ships or boats that sail together

S64. Ans.(a)
Sol. The correct word for both the given blank is '**detrimental**'. In the first sentence, the new regulations will have a detrimental impact on the environment, which means it will be harmful or damaging. In the second sentence, the company has been disregarded for detrimental business practices, which means they have harmful or unethical practices.
(a) detrimental: harmful
(b) innovative: new and original
(c) adroit: skillful and clever, especially in dealing with people
(d) timid: easily frightened; shy and nervous.
(e) glorious: having, worthy of, or bringing fame or admiration.

S65. Ans.(c)
Sol. The correct choice cane be inferred from the last line of the first paragraph which mentions, "Even more concerning is the fact that this addiction is linked to some serious mental health risks."

S66. Ans.(c)
Sol. By going through the lines of the second paragraph which mentions, "MIT's Sloan Management Review published an experiment—professors at two business schools in Italy and France made giving up one's smartphone for a day a requirement of the students in their courses. Most of the students, who gave up their phones, felt some degree of anxiety" we can conclude that option (c) is the correct choice.

S67. Ans.(e)
Sol. To validate the correct choice, refer to last paragraph which mentions, "An earlier study, in the U.S., which also had young people give up their phones, found that they performed worse on mental tasks when they were in "withdrawal," and had symptoms, like increased heart rate and blood pressure. They also felt a sense of loss, or lessening, of their extended self—their phones. But the reality, especially for younger people, is that phone use, especially heavy use, isn't lighthearted."

S68. Ans.(a)
Sol. The correct choice can be inferred from the first paragraph which mentions, "A lot of us must be wondering if we're hooked on our tech: "Phone addiction" has risen steadily in the past five years, and "social media addiction" trails it closely. Interestingly, phone addiction and social media addiction are closely intertwined, especially for younger people, who probably aren't playing chess on their phones or even talking on them—they're on social media."
Information given in all other options isn't given in the passage.

S69. Ans.(b)
Sol. The correct choice can be inferred from the lines which mention, "A study last month looked at the rise in depression and suicide in teenagers in recent years. The Centers for Disease Control and Prevention (CDC) had noted a rise in the rates of both over the years 2010-2015, and found that girls were particularly at risk: Their suicide rate rose by 65% in those five years. The number of girls with severe depression rose by 68% while this percentage was a little lower in boys."

S70. Ans.(a)
Sol. Only statements (I) and (II) are correct with reference to the passage.
For option (i), refer to the line which mentions, "They also noted how often people who did have phones checked their phones—one student pointed out that his friend checked his phone four times in a 10 minute period—and that was probably what they themselves looked like on a typical day."
For option (ii), refer to the lines which mention, "Most of the students, who gave up their phones, felt some degree of anxiety. They were thinking what to do with the extra time, from eating breakfast to riding on public transportation."
For option (iii), refer to the lines which mentions, "An earlier study, in the U.S., which also had young people give up their phones, found that they performed worse on mental tasks when they were in "withdrawal," and had symptoms, like increased heart rate and blood pressure."

S71. Ans.(c)
Sol. '**Compelling**' is a synonym of 'addictive' means habit forming.
(a) slandered: make false and damaging statements about (someone).
(b) condemned: sentenced to a particular punishment, especially death.
(c) compelling: evoking interest, attention, or admiration in a powerfully irresistible way.
(d) prudent: acting with or showing care and thought for the future.
(e) despised: feel contempt or a deep repugnance for.

S72. Ans.(b)
Sol. '**Primeval**' is an antonym of 'recent'.
(a) nascent: just coming into existence and beginning to display signs of future potential.
(b) primeval: of the earliest time in history.
(c) scourged: whip (someone) as a punishment.
(d) burgeoning: beginning to grow or increase rapidly; flourishing.
(e) resounding: loud enough to reverberate.

S73. Ans.(c)
Sol. The correct choice can be inferred from the first passage which mentions, "Employment status is related to the income level of workers as well as to their physical and mental health."

S74. Ans.(d)
Sol. For the correct choice refer to the lines in the first paragraph which mentions, "This raises the question whether the problem of underemployment in the labor market (a state where a worker being underused because a job does not use the worker's skills) will affect workers' health."

S75. Ans.(e)
Sol. The correct choice can be inferred from the second paragraph which mentions, "Previous research shows that workers with a good educational background not only have inherent advantages in access to health care knowledge, medical resources, health resources, and service accessibility but also have a relatively healthy lifestyle"

S76. Ans.(a)
Sol. By going through the last paragraph, we can conclude that the option (a) is the correct choice. The paragraph is mentioning how affordability to healthcare services of different people varies with different income levels. Refer to the lines, "Higher expenditure on health care further widens the health disparity among workers with different levels of education."

S77. Ans.(d)
Sol. Option (d) is incorrect with reference to the passage.
For option (a), refer to the line which mentions, "Although underemployment is present across all classes of society, the problem of underemployment is more evident in some groups than in others."
For option (b), refer to the line which mentions, "For the vast majority of people, obtaining income through employment is the primary and principal means of survival."
For option (c), refer to the line which mentions, "Moreover, compared to workers with a low level of education, highly educated workers can feel a sense of fulfillment and value in the work process, and their ability to regulate their life and health conditions is also more robust."
For option (d), refer to the line which mentions, "Even in underemployment, those with high education levels may have high incomes that will increase their health care expenditure."

S78. Ans.(d)
Sol. The correct word for the given blank is '**influence**' which means the capacity to have an effect on the character, development, or behaviour of someone or something, or the effect itself.
(a) extravagant: spending or costing too much money
(b) repulsion: a strong feeling of not liking something that you find extremely unpleasant
(c) introversion: the quality of being shy and reticent.
(d) influence: the power to affect, change or control somebody/something
(e) depletion: a reduction in something.

S79. Ans.(b)
Sol. '**Apparent**' is a synonym of 'evident'
(a) scramble: to climb quickly up or over something using your hands to help you; to move somewhere quickly
(b) apparent: clear; easy to see
(c) perpetuate: to cause something to continue for a long time
(d) meagre: too small in amount
(e) cowardice: a lack of courage; behaviour that shows that you are afraid

S80. Ans.(a)
Sol. '**Scanty**' is an antonym of 'sufficient' means having enough.
(a) scanty: too small in size or amount
(b) sporadic: not done or happening regularly
(c) deceive: to try to make somebody believe something that is not true
(d) prodigal: spending money freely and rather wastefully
(e) extol: praise enthusiastically.

S81. Ans.(d)
Sol.

Marked price $= \frac{X\times(100+Y)}{100}$

selling price $= X \times \frac{(100+Y)}{100} \times \frac{(100-Z)}{100}$

ATQ,

$X \times \frac{(100+Y)}{100} \times \frac{100-Z}{100} = X$

$\Rightarrow (100 + Y)(100 - Z) = 100 \times 100$ ...(i)

And,

$2Z = Y$ ...(ii)

From (i) & (ii)

$Z = 50$

S82. Ans.(b)
Sol.

Let age of Ravi and Vicky, 4 years ago was 5x years and 6x years respectively

2 years later, age of Ravi=(5x+6) years

Age of Rocky, 2 years later=$\left(\left(\frac{6x+4}{4} \times 5\right) + 2\right)$ *years*

ATQ

$(5x+6) + \left(\frac{6x+4}{4} \times 5\right) + 2 = 63$

x=4

Present age of Vicky = 28 years

S83. Ans.(a)
Sol.

ATQ,

$$\frac{\left\{l + 20 + \frac{3}{4}(l + 20)\right\} \times 6}{10.5 \times (2l - 20)} = \frac{2}{3}$$

$18l + 360 + 13.5l + 270 = 42l - 420$

$1050 = 10.5l$

$l = 100\ m$

Speed of train A= $\frac{l+20+\frac{3}{4}(l+20)}{10.5} = 20\ m/s$

Speed of train B = $\frac{(2l-20)}{6} = 30\ m/s$

Required time = $\frac{120+180}{30-20} = \frac{300}{10} = 30$ seconds

S84. Ans.(c)
Sol.

Total work (L.C.M. of 36 and 54) = 108 units

Efficiency of A & B = $\frac{108}{36} = 3\ units/day$

Efficiency of A & C = $\frac{108}{54} = 2\ units/day$

Let efficiency of A, B & C be 'r' units /day, 8x units/day & 5x units/day respectively.

ATQ.

$r + 8x = 3$ .....(i)

$r + 5x = 2$ .....(ii)

Solving equation (i) and (ii)

$x = \frac{1}{3}$, $r = \frac{1}{3}$

Req. days $= \frac{108}{\frac{1}{3}+\frac{8}{3}+\frac{5}{3}} = 108 \times \frac{3}{14} = 23\frac{1}{7}$ days

S85. Ans.(a)

Sol.

Let the first, second, third & fourth numbers be A, B, C and D respectively.

Now,

Let A + 3 = B − 3 = 3C = D/3 = x

Then, A = x − 3

B = x + 3

$C = \frac{x}{3}$

D = 3x

A + B + C + D = 64

$(x - 3) + (x + 3) + \frac{x}{3} + 3x = 64$

$5x + \frac{x}{3} = 64$

16x = 192

x = 12

Required answer = 36 − 15 = 21

S86. Ans.(a)

Sol.

Circumference of the circular park = $2 \times \frac{22}{7} \times 140 = 880\ meter$

They are standing opposite to each other means distance between A and B

$\frac{880}{2}\ m = 440\ meter$

Time taken by A to meet B first = $\frac{440}{80}$ = 5.5 seconds

Time taken to meet second time = $\frac{880}{80} = 11\ seconds$

S87. Ans.(c)

Sol.

Let the quantity of milk and water in both the vessel is 20 liters.

Vessel A,

Taken out quantity = $\frac{1}{4}$ of 20 = 5 liter

Remaining quantity of milk = $20 \times \frac{4}{5} - 5 \times \frac{4}{5} = 16 - 4 = 12$ liter

Remaining quantity of water = $20 \times \frac{1}{5} - 5 \times \frac{1}{5} = 4 - 1 = 3$ liter

Vessel B,

Quantity of milk = $20 \times \frac{3}{4} + 4 = 15 + 4 = 19$ liter

Quantity of water = $20 \times \frac{1}{4} + 1 = 5 + 1 = 6$ liter

Same quantity i.e., 5 liters of mixture is taken out from B and pour into A,

Milk in A = $12 + \frac{19}{5} = \frac{79}{5}$

Water in A = $3 + \frac{6}{5} = \frac{21}{5}$

Ratio of water to milk in vessel A = $\frac{21}{5} : \frac{79}{5} = 21 : 79$

S88. Ans.(b)

Sol.

Let the speed of boat in still water and speed of current be 5a and a respectively.

ATQ,

$\frac{X+12}{5a-a} = 2 \times \frac{X}{5a+a}$

$\frac{X+12}{4a} = \frac{X}{3a}$

$3X + 36 = 4X$

$X = 36\ km$

Required answer = 36 – 6 = 30

S89. Ans.(a)

Sol. Let the investment of A, B and C be xk, (x+1000) k and (x+500) k respectively.

ATQ,

$\frac{xk + (xk + 500k)}{xk + 1000k} = \frac{1000}{800}$

$\frac{2x + 500}{x + 1000} = \frac{5}{4}$

$8x + 2000 = 5x + 5000$

$3x = 3000$

$x = 1000$

S90. Ans.(d)

Sol.

Let R be the interest rate.

ATQ,

$P + \frac{PR \times 2}{100} = 1440$

$\frac{PR \times 2}{100} = 1440 - P \ldots (i)$

$\frac{PR \times 5}{100} = 600$

$PR = 12000 \ldots (ii)$

Solving (i) and (ii)

P =1200 R= 10

Composite compound interest for two years = $(10+10+\frac{10 \times 10}{100})\% = 21\%$

Required interest = $\frac{2 \times 1200 \times 21}{100} = Rs.504$

S91. Ans.(a)

Sol.

$108^0 = 30\%$

Let the total number of applicants be 100m.

$100\text{m} \times 30\% \times \left(100\% - 83\frac{1}{3}\%\right) = 150$

$\text{m} = 30$

Total number of applicants = 100m = 3000
Total applicants in B = $3000 \times \frac{30}{100} \times \frac{4}{3} = 1200$
Percentage of total applicants in B = $\frac{1200}{3000} \times 100 = 40\%$
$40\% = 144^0 = x^0$
Total applicants in A = 30% of 3000 = 900
Total online applicants in A = 900 – 150 = 750
Total applicants in C = 3000 – 1200 – 900 = 900
Percentage of total applicants in C = $\frac{900}{3000} \times 100 = 30\%$
$30\% = 108^0 = y^0$
Required answer = $2.5\times x + 1.5 \times y$
$2.5 \times 144 + 1.5 \times 108$
$360 + 162 = 522$

S92. Ans.(a)
Sol.
$108^0 = 30\%$
Let the total number of applicants be 100m.
$100\text{m} \times 30\% \times \left(100\% - 83\frac{1}{3}\%\right) = 150$
$\text{m} = 30$
Total number of applicants = 100m = 3000
Total applicants in B = $3000 \times \frac{30}{100} \times \frac{4}{3} = 1200$
Percentage of total applicants in B = $\frac{1200}{3000} \times 100 = 40\%$
$40\% = 144^0 = x^0$
Total applicants in A = 30% of 3000 = 900
Total online applicants in A = 900 – 150 = 750
Total applicants in C = 3000 – 1200 – 900 = 900
Percentage of total applicants in C = $\frac{900}{3000} \times 100 = 30\%$
$30\% = 108^0 = y^0$
Number of online applicants in B = 650
Number of offline applicants in B = $1200 - 650 = 550$
Number of offline applicants in C = 550
Number of online applicants in C = $900 - 550 = 350$
Required difference = $550 - 350 = 200$

S93. Ans.(a)
Sol.
$108^0 = 30\%$
Let the total number of applicants be 100m.
$100\text{m} \times 30\% \times \left(100\% - 83\frac{1}{3}\%\right) = 150$
$\text{m} = 30$
Total number of applicants = 100m = 3000
Total applicants in B = $3000 \times \frac{30}{100} \times \frac{4}{3} = 1200$
Percentage of total applicants in B = $\frac{1200}{3000} \times 100 = 40\%$
$40\% = 144^0 = x^0$
Total applicants in A = 30% of 3000 = 900
Total online applicants in A = 900 – 150 = 750
Total applicants in C = 3000 – 1200 – 900 = 900
Percentage of total applicants in C = $\frac{900}{3000} \times 100 = 30\%$
$30\% = 108^0 = y^0$

Total number of offline applicants = $31\frac{2}{3}\%\ of\ 3000 = 950$

Given, total number of offline applicants in B and C are same.

Number of offline applicants in B & C together = $950 - 150 = 800$

Number of offline applicants in B = 400

Number of offline applicants in C = 400

Number of online applicants in B = $1200 - 400 = 800$

Number of online applicants in A = 750

Required answer = $\frac{50}{750} \times 100 = 6\frac{2}{3}\%$

S94. Ans.(b)

Sol.

$108^0 = 30\%$

Let the total number of applicants be 100m.

$100m \times 30\% \times \left(100\% - 83\frac{1}{3}\%\right) = 150$

$m = 30$

Total number of applicants = 100m = 3000

Total applicants in B = $3000 \times \frac{30}{100} \times \frac{4}{3} = 1200$

Percentage of total applicants in B = $\frac{1200}{3000} \times 100 = 40\%$

$40\% = 144^0 = x^0$

Total applicants in A = 30% of 3000 = 900

Total online applicants in A = 900 – 150 = 750

Total applicants in C = 3000 – 1200 – 900 = 900

Percentage of total applicants in C = $\frac{900}{3000} \times 100 = 30\%$

$30\% = 108^0 = y^0$

Let the total number of offline applicants in B and C each be z

$\frac{3000-(150+2z)}{3} = 700$

$3000 - (150 + 2z) = 2100$

$z = 375$

Online applicant in B and C = $(1200 + 900) - (375 + 375) = 1350$

S95. Ans.(c)

Sol.

$108^0 = 30\%$

Let the total number of applicants be 100m.

$100m \times 30\% \times \left(100\% - 83\frac{1}{3}\%\right) = 150$

$m = 30$

Total number of applicants = 100m = 3000

Total applicants in B = $3000 \times \frac{30}{100} \times \frac{4}{3} = 1200$

Percentage of total applicants in B = $\frac{1200}{3000} \times 100 = 40\%$

$40\% = 144^0 = x^0$

Total applicants in A = 30% of 3000 = 900

Total online applicants in A = 900 – 150 = 750

Total applicants in C = 3000 – 1200 – 900 = 900

Percentage of total applicants in C = $\frac{900}{3000} \times 100 = 30\%$

$30\% = 108^0 = y^0$

Let the cost of each online form be Rs.x.
Cost of each offline form = Rs. (x+20).
ATQ,
$30000 = x \times (750) + (x + 20) \times 150$
$30000 = 750x + 150x + 3000$
$x = Rs.30$
Cost of each online form = Rs. 30
Cost of each offline form = Rs. 50

S96. Ans.(c)
Sol.
Total number of pencils manufactured by Q = $\frac{90}{3} \times 2 = 60$
Number of pens manufactured by Q= pencils manufactured by O = $180 - 90 - 60 = 30$
Total number of erasers manufactured by O = $\frac{5}{6} \times 30 = 25$
Total number of pens manufactured by O = $200 - 30 - 25 = 145$
Required percentage = $\frac{145}{200} \times 100 = 72.5\%$

S97. Ans.(e)
Sol.
Total number of pens manufactured by P = $150 \times \frac{20}{100} = 30$
Required percentage = $\frac{30}{180} \times 100 = 16\frac{2}{3}\%$

S98. Ans.(d)
Sol.
Total number of pencils manufactured by P = $150 \times \frac{20}{100} = 30$
Total number of stationeries manufactured by P = $150 \times \frac{7}{6} = 175$
Total number of pens manufactured by P = $175 \times \frac{60}{100} = 105$
Total number of erasers manufactured by P = 175 – 105 – 30 = 40

S99. Ans.(b)
Sol.
Ratio of pen to pencil to eraser by Q = 1:2:3
Total number of erasers manufactured Q = $180 \times \frac{3}{6} = 90$
Total number of erasers manufactured by N = $\frac{90+150\times\frac{20}{100}}{2} = 60$
Total number of pencils manufactured by N = $60 \times \frac{5}{3} = 100$

S100. Ans.(d)
Sol.
Total number of stationeries manufactured by X = $200 \times \frac{125}{100} = 250$
Total number of pens manufactured by N = $250 \times \frac{40}{100} = 100$
Let the total number of pencils and erasers manufactured by N be 5x and 3x respectively.
Total number of pencils manufactured by N = $100 \times \frac{100}{50} = 200$
Total number of erasers manufactured by N = $200 \times \frac{3x}{5x} = 120$
Total number of stationeries items manufactured by N = 100 +200 +120 = 420

S101. Ans.(a)

Sol.

Quantity I: B will complete the work alone in = $\frac{3}{4}\times$ 36 = 27 days

Let total units of work = 108 (LCM of 36 and 27)

Efficiency of A = $\frac{108}{36}$ = 3 units/day

Efficiency of B = $\frac{108}{27}$ = 4 $units/day$

Work done in two days = 3+4 = 7 units

Work done in 30 days = 105

Remaining work = $\frac{108-105}{3}$ = 1 day

Total number of days = 31 days

Quantity II: A will take to Complete the whole work = 6 $\times\frac{3}{2}$ = 9 days

B will take to complete the whole work = 8 $\times\frac{3}{1}$ = 24 days

C will take to complete the whole work = 12 $\times\frac{4}{3}$ = 16 days

Now let the total work =144 (LCM of 9, 24, 16)

Efficiency of A = $\frac{144}{9}$ = 16 units/day

Efficiency of B = $\frac{144}{24}$ = 6 units/day

Efficiency of C = $\frac{144}{16}$ = 9 units/day

Required answer = $\frac{144}{\frac{6}{31}(16+9+6)}$ = 26 $days$

Quantity I > Quantity II

S102. Ans.(b)

Sol.

Quantity I: Let the speed of boat in downstream and upstream be 7x and 3x respectively.

$\left(\frac{D+11}{3x}\right) = (2+1)\left(\frac{D-3}{7x}\right)$

$D = 52$ km

Quantity II: Speed of boat A in upstream = $\frac{100}{4}$ = 25 km/hr

Speed of boat A in downstream = 25 + 2 × 2.5 = 30 km/hr.

Speed of boat B in still water = 30 × $\frac{80}{100}$ = 24 km/hr

Required distance = (24 – 2.5) × 4 = 86 km

Quantity II > Quantity I

S103. Ans.(d)

Sol.

Quantity I. $x^2 - 3x - 108 = 0$

$x^2 - 12x + 9x - 108 = 0$

x(x-12) +9 (x-12) =0

(x-12) (x+9) =0

$x = 12, -9$

Quantity II. $y^2 - 26y + 168 = 0$

$y^2 - 12y - 14y + 168 = 0$

y(y-12) -14 (y - 12) = 0

(y-12) (y-14) =0

$y = 12,14$

So, Quantity I ≤ Quantity II

S104. Ans.(a)

Sol.

$p^{5x} = 243$

$p^{5x} = 3^5$

$p = 3$ & $x = 1$

$q^{3x} = -27$

$q^{3x} = (-3)^3$

$q = -3$

Quantity I:

$p = 3, q = -3$

$3p + 2q = 9 - 6 = 3$

Quantity II:

$p = 3, q = -3$

$-2p - q = -6 + 3 = -3$

So, Quantity I > Quantity II

S105. Ans.(e)

Sol.

Let length of the platform be L meters

Speed of the train (in m/s) = $108 \times \frac{5}{18}$ =30 m/s

According to the question, train takes 24 seconds to cross a man on the platform

So, length of the train =24×30 =720 meters

Given, time taken by train to cross the platform = 50 seconds

Length of the platform =$50 \times 30 - 720$

= $1500 - 720 = 780$ meters

Quantity I: Length of the train + 60 = 720 + 60 = 780 meters

Quantity II: Length of the platform = 780 meters

Hence, Quantity I = Quantity II

S106. Ans.(e)

Sol.

In company A, Total number of employees = 100

Salary expense = 12.5 lakh

Average salary of each employee = $\frac{12.5}{100} = Rs.12500$

Total miscellaneous expense = 47.5 + 12.5 = 60 lakh

In company B, Average salary = 12500 – 500 = Rs.12000

Total expense = $60 \times \frac{5}{6} = 50$ lakh

Total salary expense = 12.5 +0.1 = 12.6 lakh

Total number of employees = $\frac{12.6\ lakh}{12000}$ =105

Miscellaneous expense = 50 – 12.6 = 37.4 lakh

In company C, Total employees = 80% of 100 = 80

Total expense = 50 lakh

Salary expense = 50 – 40 = 10 lakh

Average salary = $\frac{10\ lakh}{80} = 12500$

Required average = $\frac{12500+12000+12500}{3} = Rs.12333\frac{1}{3} \approx$ Rs.12333

S107. Ans.(d)
Sol.
In company A, Total number of employees = 100
Salary expense = 12.5 lakh
Average salary of each employee = $\frac{12.5}{100} = Rs.12500$
Total miscellaneous expense = 47.5 + 12.5 = 60 lakh

In company B, Average salary = 12500 – 500 = Rs.12000
Total expense = $60 \times \frac{5}{6} = 50$ lakh
Total salary expense = 12.5 +0.1 = 12.6 lakh
Total number of employees = $\frac{12.6\ lakh}{12000} = 105$
Miscellaneous expense = 50 – 12.6 = 37.4 lakh

In company C, Total employees = 80% of 100 = 80
Total expense = 50 lakh
Salary expense = 50 – 40 = 10 lakh
Average salary = $\frac{10\ lakh}{80} = 12500$
Required difference = 105 – 80 = 25

S108. Ans.(d)
Sol.
In company A, Total number of employees = 100
Salary expense = 12.5 lakh
Average salary of each employee = $\frac{12.5}{100} = Rs.12500$
Total miscellaneous expense = 47.5 + 12.5 = 60 lakh

In company B, Average salary = 12500 – 500 = Rs.12000
Total expense = $60 \times \frac{5}{6} = 50$ lakh
Total salary expense = 12.5 +0.1 = 12.6 lakh
Total number of employees = $\frac{12.6\ lakh}{12000} = 105$
Miscellaneous expense = 50 – 12.6 = 37.4 lakh

In company C, Total employees = 80% of 100 = 80
Total expense = 50 lakh
Salary expense = 50 – 40 = 10 lakh
Average salary = $\frac{10\ lakh}{80} = 12500$
Required percentage = $\frac{60\ lakh - 40 lakh}{40 lakh} \times 100 = 50\%$

S109. Ans.(e)
Sol.

In company A, Total number of employees = 100
Salary expense = 12.5 lakh
Average salary of each employee = $\frac{12.5}{100} = Rs.12500$
Total miscellaneous expense = 47.5 + 12.5 = 60 lakh

In company B, Average salary = 12500 – 500 = Rs.12000
Total expense = $60 \times \frac{5}{6} = 50$ lakh
Total salary expense = 12.5 +0.1 = 12.6 lakh
Total number of employees = $\frac{12.6\ lakh}{12000} = 105$
Miscellaneous expense = 50 – 12.6 = 37.4 lakh

In company C, Total employees = 80% of 100 = 80
Total expense = 50 lakh
Salary expense = 50 – 40 = 10 lakh
Average salary = $\frac{10\ lakh}{80} = 12500$
New average salary = $\frac{120}{100} \times 12500 = Rs.15000$
New salary expense = $80 \times 15000 = 12\ lakh$
New miscellaneous expense = 50 – 12 = 38 lakh
Required difference = 38 – 37.4 = Rs.60000

S110. Ans.(d)
Sol.
In company A, Total number of employees = 100
Salary expense = 12.5 lakh
Average salary of each employee = $\frac{12.5}{100} = Rs.12500$
Total miscellaneous expense = 47.5 + 12.5 = 60 lakh

In company B, Average salary = 12500 – 500 = Rs.12000
Total expense = $60 \times \frac{5}{6} = 50$ lakh
Total salary expense = 12.5 +0.1 = 12.6 lakh
Total number of employees = $\frac{12.6\ lakh}{12000} = 105$
Miscellaneous expense = 50 – 12.6 = 37.4 lakh

In company C, Total employees = 80% of 100 = 80
Total expense = 50 lakh
Salary expense = 50 – 40 = 10 lakh
Average salary = $\frac{10\ lakh}{80} = 12500$
Total employees in X = $\frac{80+105+100}{3} = 95$
Total salary expense = $95 \times 10000 = 9.5\ lakh$
$\frac{miscellaneous\ expense}{9.5\ lakh} = \frac{50}{19}$
Miscellaneous expense = 25 lakh
Total expense = 25 +9.5 = 34.5 lakh

S111. Ans.(d)
Sol.
From 'A' Curved surface area of cylinder = 2πrh
Lateral surface area of cone = πrl
ATQ,
$\frac{2\pi rh}{\pi rl} = \frac{6}{5}$

But radius of cone and cylinder is same.

$\Rightarrow \frac{h}{\sqrt{h^2+r^2}} = \frac{3}{5}$

$\Rightarrow 25h^2 = 9(h^2 + r^2)$

$\Rightarrow 16h^2 = 9 \times 8^2$

$\Rightarrow h^2 = 36$

$\Rightarrow h = 6$

Curved surface area of cylinder = $2 \times \pi \times 8 \times 6 = 96\pi$ cm^2

From 'B' Total surface area of cylinder = $2\pi r^2 + 2\pi rh$

ATQ,

$\frac{2\pi r^2+2\pi rh}{2\pi rh} = \frac{7}{3}$

$\Rightarrow 6\pi r^2 + 6\pi rh = 14\pi rh$

$\Rightarrow 6\pi r^2 = 8\pi rh$

$\Rightarrow h = \frac{6\times8}{8} = 6$ cm

Curved surface area of cylinder = $2 \times \pi \times 8 \times 6 = 96\pi$ cm^2

Hence, either 'A' or 'B' is sufficient to answer the question.

S112. Ans.(d)

Sol.

From A – ATQ –

$\frac{2750\times\frac{5}{11}\times4R}{2750\times\frac{6}{11}\times4\times5} = \frac{5}{4}$

$\frac{1250 \times4R}{1500 \times4 \times5} = \frac{5}{4}$

R = 7.5%

From B – $\frac{500 \times2 \times R}{100} + \frac{800 \times(R+2.5)\times2}{100} = 170$

10R + 16R + 40 = 170

10R + 16R = 130

R = 5%

So, either A or B alone sufficient to give answer of the question.

S113. Ans.(c)

Sol.

one of the roots of equation I is $\frac{3}{2}$

$xa^2 + 4a - 33 = 0$

$x(\frac{3}{2})^2 + 4\left(\frac{3}{2}\right) - 33 = 0$

$\frac{9x}{4} + 6 - 33 = 0$

$\frac{9x}{4} = 27$

$x = 12$

x value put in eq. I

$12a^2 + 4a - 33 = 0$

$12a^2 + 22a - 18a - 33 = 0$

$a = -\frac{11}{6}, \frac{3}{2}$

Lowest root of equation I = $-\frac{11}{6}$

Highest root of equation II = $-\frac{11}{6} \times \frac{-12}{11} = 2$

II. $yb^2 - 9b + 26 = 0$

$y(2)^2 - 9(2) + 26 = 0$

$4y - 18 + 26 = 0$

$4y = -8$

$y = -2$

y value put in eq. II

$yb^2 - 9b + 26 = 0$

$-2b^2 - 9b + 26 = 0$

$2b^2 + 9b - 26 = 0$

$2b^2 + 13b - 4b - 26 = 0$

$b = -\frac{13}{2}, 2$

Lowest root of equation I = $-\frac{11}{6}$

Lowest root of equation II = $-\frac{13}{2}$

Required ratio = $-\frac{11}{6} : -\frac{13}{2} = 11:39$

S114. Ans.(c)

Sol.

one of the roots of equation I is $\frac{3}{2}$

$xa^2 + 4a - 33 = 0$

$x(\frac{3}{2})^2 + 4\left(\frac{3}{2}\right) - 33 = 0$

$\frac{9x}{4} + 6 - 33 = 0$

$\frac{9x}{4} = 27$

$x = 12$

x value put in eq. I

$12a^2 + 4a - 33 = 0$

$12a^2 + 22a - 18a - 33 = 0$

$a = -\frac{11}{6}, \frac{3}{2}$

Lowest root of equation I = $-\frac{11}{6}$

Highest root of equation II = $-\frac{11}{6} \times \frac{-12}{11} = 2$

II. $yb^2 - 9b + 26 = 0$

$y(2)^2 - 9(2) + 26 = 0$

$4y - 18 + 26 = 0$

$4y = -8$

$y = -2$

y value put in eq. II

$yb^2 - 9b + 26 = 0$

$-2b^2 - 9b + 26 = 0$

$2b^2 + 9b - 26 = 0$

$2b^2 + 13b - 4b - 26 = 0$

$b = -\frac{13}{2}, 2$

$x = 12, y = -2$

$R = \frac{y^2}{2} + \frac{x}{4}$

$R = \frac{(-2)^2}{2} + \frac{12}{4}$

$R = 2 + 3$

$R = 5$

$R^2 = 5^2 = 25$

S115. Ans.(a)

Sol.

one of the roots of equation I is $\frac{3}{2}$

$xa^2 + 4a - 33 = 0$

$x(\frac{3}{2})^2 + 4(\frac{3}{2}) - 33 = 0$

$\frac{9x}{4} + 6 - 33 = 0$

$\frac{9x}{4} = 27$

$x = 12$

x value put in eq. I

$12a^2 + 4a - 33 = 0$

$12a^2 + 22a - 18a - 33 = 0$

$a = -\frac{11}{6}, \frac{3}{2}$

Lowest root of equation I $= -\frac{11}{6}$

Highest root of equation II $= -\frac{11}{6} \times \frac{-12}{11} = 2$

II. $yb^2 - 9b + 26 = 0$

$y(2)^2 - 9(2) + 26 = 0$

$4y - 18 + 26 = 0$

$4y = -8$

$y = -2$

y value put in eq. II

$yb^2 - 9b + 26 = 0$

$-2b^2 - 9b + 26 = 0$

$2b^2 + 9b - 26 = 0$

$2b^2 + 13b - 4b - 26 = 0$

$b = -\frac{13}{2}, 2$

$x = 12, y = -2$

$\frac{x}{3}c^2 - 6yc + 9 = 0$

$\frac{12}{3}c^2 - 6(-2)c + 9 = 0$

$4c^2 + 12c + 9 = 0$

$4c^2 + 6c + 6c + 9 = 0$

$c = -\frac{3}{2}, -\frac{3}{2}$

S116. Ans.(d)

Sol.

Pattern of the series –

140, 137, 125, 103, 70, 25

3 12 22 33 45

9 10 11 12

Missing number is 137

S117. Ans.(e)

Sol.

Pattern of the series –

$12 \times 1 + 1 = 13$

$13 \times 1.5 + 1.5 = \mathbf{21}$

$21 \times 2 + 2 = 44$

$44 \times 2.5 + 2.5 = 112.5$

$112.5 \times 3 + 3 = 340.5$

Missing number is 21

S118. Ans.(d)

Sol.

Pattern of the series –

$21 \times 5 = 105$

$105 \times 4 = 420$

$420 \times 3 = \mathbf{1260}$

$1260 \times 2 = 2520$

$2520 \times 1 = 2520$

Missing number is 1260

S119. Ans.(a)

Sol.

Pattern of the series –

$209 + 6 = 215$

$215 - 12 = 203$

$203 + 18 = 221$

$221 - 24 = 197$

$197 + 30 = \mathbf{227}$

Missing number is 227

S120. Ans.(e)
Sol.
Pattern of the series –
$19 + (2^3 - 1) = 26$
$26 + (3^3 - 1) = 52$
$52 + (4^3 - 1) = \mathbf{115}$
$115 + (5^3 - 1) = 239$
$239 + (6^3 - 1) = 454$
Missing number is 115

S121. Ans.(b)
Sol. The Food Safety and Standards Authority of India (FSSAI) introduced a new provision of 'Special Category' in the online Food Safety Compliance System (FoSCoS) portal **to promote gender equality and equal opportunities for women and transgender entrepreneurs in the food business sector.**
About the Food Safety and Standards Authority of India (FSSAI):
FSSAI is a statutory body under the Ministry of Health & Family Welfare established under the Food Safety and Standards Act, 2006.
Chairperson- Sudhansh Pant
Headquarters- New Delhi, Delhi.

S122. Ans.(c)
Sol. The Electoral Commission of Seychelles (ECS) has signed a Memorandum of Understanding (MoU) with the Election Commission of India (ECI) for cooperation to enhance electoral management and administration.
Explanation:
- This MoU will support improving electoral management and administration, building on shared experience, and facilitating the exchange of knowledge.
- This will also strengthen the exchange of best practices in election management and training of officials.

S123. Ans.(b)
Sol. Under this scheme, students with an annual family income of **less than ₹4 lakh** are eligible for education loans to pursue their diploma and degree programs in professional and technical education.

S124. Ans.(a)
Sol. Geographical Indications Registry (GIR) has granted Geographical Indication (GI) tags to 'Atreyapuram Pootharekulu', a sweet made of rice and jaggery from **Andhra Pradesh** and registered under the 'Food Stuffs' category.

S125. Ans.(b)
Sol. Union Minister Nirmala Sitharaman, **Ministry of Finance**; and Union Minister Narendra Singh Tomar, Ministry of Agriculture & Farmers Welfare (MoAFW), inaugurated the Kisan Rin Portal (KRP), Weather Information Network Data Systems (WINDS) Manual, and Door-To-Door Kisan Credit Card (KCC) campaign.

S126. Ans.(c)
Sol. The United Nations World Food Programme (WFP) and the **Indian Institute of Technology, Bombay (IITB)** have signed a MoU to improve food security, nutrition, climate resilience, and livelihoods in India.

S127. Ans.(b)

Sol. Pritam Siwach was bestowed with the esteemed **BBC Lifetime Achievement Award** in 2022.

Details:

- **BBC Para Sportswoman of the Year 2022:** Bhavina Patel
- **BBC Lifetime Achievement Award 2022:** Pritam Siwach
- **BBC Emerging Player of the Year 2022:** Nitu Ghanghas
- **BBC Changemaker of the Year Award:** Lovely Choubey, Rupa Rani Tirkey, Pinki and Nayanmoni Saikia

S128. Ans.(d)

Sol. Union Minister Jyotiraditya Scindia, Ministry of Civil Aviation (MoCA), inaugurated 'Udaan Bhawan,' an Integrated Office Complex at **Safdarjung Airport in Delhi** and an e-wallet (Bharatkosh Advance Deposit) facility for MoCA.

Explanation:

- The Udaan Bhawan, the New Integrated Office would **allow all organizations to work together under the same roof and this would lead to better coordination between various regulatory authorities under MoCA** such as the Directorate General of Civil Aviation (DGCA), Bureau of Civil Aviation Security (BCAS), Aircraft Accident Investigation Bureau (AAIB), Airports Economic Regulatory Authority (AERA) and Airports Authority of India (AAI).

S129. Ans.(c)

Sol. Professor Ramesh Chand launched the **Unified Portal for Agricultural Statistics (UPAg)** developed by the Department of Agriculture and Farmers' Welfare (DoA&FW), under the Ministry of Agriculture & Farmers Welfare (MoA&FW) to address data-related governance challenges in agriculture.

S130. Ans.(c)

Sol. The United Nations Development Programme (UNDP) launched an innovative e-Learning Programme as a proactive response to the increasing global need to support and enhance sustainable finance.

Details:

This initiative, led by the Sustainable Finance Hub's (SFH) Sustainable Development Goal (SDG) Finance Academy, aims to share UNDP's extensive knowledge on sustainable finance with global practitioners.

S131. Ans.(a)

Sol. Small Industries Development Bank of India (SIDBI) made an MoU with the Digital Lenders Association of India (DLAI) to boost India's fintech sector by utilizing each other's expertise.

S132. Ans.(d)

Sol. Ashok Leyland has launched an **"All Women Production Line"** with 100 percent female employees at its Hosur plant in **Tamil Nadu.**

Details:

- The initiative to introduce an all-women production line is to promote women's empowerment and encourage them to take up roles in the manufacturing industry.

S133. Ans.(a)
Sol. Ram Vilas Sharma was awarded the Vyas Samman in the year **1991.**
Details:

- The **KK Birla Foundation** founded the annual **Vyas Samman in 1991**, which is awarded to a superb piece of **Hindi literature authored by an Indian citizen** and published within the previous ten years.
- A **4-lakh rupee** award is offered.
- The KK Birla Foundation established the **Saraswati Samman, the Bihari Puraskar, and the Vyas Samman** in addition to these awards.

S134. Ans.(b)
Sol. According to the 2023 Digital Quality of Life (DQL) Index, the 5th edition of the annual DQL Index by Surfshark Limited, India has risen to **52nd** rank with a ranking index of 0.5154 from 59th rank in 2022.

S135. Ans.(b)
Sol. The Indian Navy (IN) and the Republic of Singapore Navy (RSN) are conducting the **30th edition** of the Singapore-India Maritime Bilateral Exercise (SIMBEX 2023), a joint naval combat exercise, from 21st to 28th September 2023 in the southern parts of the South China Sea off the coast of Singapore.

S136. Ans.(c)
Sol. The Central Reserve Police Force, in collaboration with **the Ministry of Women and Child Development**, is organizing a cross-country bike expedition with "*Yashaswini*" a group of CRPF women bikers to celebrate women's power or *Nari Shakti* of the country.

S137. Ans.(c)
Sol. Department of Pension & Pensioners' Welfare (DoPPW) has been conferred the prestigious First Raj Bhasha Kirti Puraskar, 2022-23.
Details

- The RajBhasha Kirti Puraskar is a prestigious award conferred every year on a department that stands first among all the Ministries/Departments with less than 300 employees during the Akhil Bhartiya Raj Bhasha Sammelan and Hindi Diwas celebrations organized by the **Department of Official Language, Ministry of Home Affairs.**
- This is the second consecutive year wherein the **Department of Pension & Pensioners' Welfare has received the honor of being the best performing Department in the category of Ministries/ Departments with less than 300 employees.**

S138. Ans.(c)
Sol. The Periyar Tiger Reserve (PTR) was once again adjudged the best-managed tiger reserve in the country.
Details:

- The reserve topped the list with a management effectiveness evaluation (MEE) score of 94.38% among the 51 reserves that were evaluated. Satpura and Bandipur came second (93.18%), while Nagarhole was ranked third (92.42%) in the 2022 cycle of MEE.

S139. Ans.(c)
Sol. The Special 301 report, published by the U.S. Trade Representative (USTR) annually, reviews and evaluates **intellectual property rights protection and enforcement** practices in various countries.
Details:

- This report aims to identify trade barriers related to intellectual property and encourages countries to enhance their intellectual property rights enforcement.

S140. Ans.(d)
Sol. Aliya Mir is the first woman from Jammu and Kashmir to work for Wildlife SOS and is the first woman in the region to receive this honour.
Details:
- Her dedication and contributions to preserving the local wildlife and ecosystem have been recognized through this award.
- Aliya Mir became the first woman from Jammu & Kashmir to receive an award for her efforts towards wildlife conservation in the region.

S141. Ans.(a)
Sol. The Foundation of SAARC Writers and Literature (FOSWAL) presented a unique literary award to Bangabandhu **Sheikh Mujibur Rahman** of Bangladesh for his trilogy of books, which includes The Unfinished Memoirs, The Prison Diaries, and the New China 1952.
Details:
- FOSWAL acknowledged Bangabandhu Sheikh Mujibur Rahman's exceptional literary skills and awarded him for his outstanding literary excellence in the trilogy, according to the citation provided by the organization.
- In a citation issued by the Foundation of **SAARC** Writers and Literature, Bangabandhu Sheikh Mujibur Rahman is compared to Mahatma Gandhi and Martin Luther King, and it is stated that no force on the planet can erase him from history.

S142. Ans.(e)
Sol. Tripura has been given the best state award in the northeastern region by the Centre for successful implementation of e-procurement, Finance Minister.

S143. Ans.(b)
Sol. The bridge has been constructed in **Mozambique.**
Details:
- The bridge has been constructed by India and is a symbol of the solidarity and friendship between India and Mozambique.
- According to the Indian High Commission in Mozambique, the bridge will make a difference to the lives of many people in Mozambique.
- The Buzi Bridge is an essential project that demonstrates India's commitment to the development of Mozambique's infrastructure.
- India has been a reliable partner in Mozambique's growth journey, and this bridge is another instance of India's contribution to the Country's Progress.

S144. Ans.(d)
Sol. Tamil Nadu (TN) is set to establish India's first Common Testing Centre for Unmanned Aerial Systems (UAS) (drones) under the Defence Testing Infrastructure Scheme (DTIS).
Details:
- The centre will be established at a cost of Rs 45 crore over an area of 2.3 acres at the State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) Industrial Park, Vallam Vadagal near Sriperumbudur in Kanchipuram district, TN.

S145. Ans.(a)
Sol. IPO stands for "Initial Public Offering," whereas the 'O' stands for "**Offering.**

S146. Ans.(d)
Sol. The Asian Development Bank (ADB) has approved a USD 40.5 million loan for an integrated project focusing on Early Childhood Development (ECD) and Maternal Mental Health in **Meghalaya.**

S147. Ans.(c)
Sol. The **Balance of Payments** (BoP) is a systematic record of all economic transactions between residents of India and the rest of the world over a specific period, usually a year.
Details:
- It provides insights into the country's economic interactions with other countries, encompassing various transactions related to trade, investments, and financial flows.

S148. Ans.(c)
Sol. RINL bagged Steel Ministry's "Ispat Rajbhasha Samman" First Prize for the year 2021-22.

S149. Ans.(b)
Sol. Christina Koch will become the first woman astronaut ever assigned to a lunar mission, while **Victor Glover** will be the first black astronaut on one.

S150. Ans.(a)
Sol. The Union Cabinet has approved the establishment of **a Regional Office of the Universal Postal Union (UPU)** in **New Delhi, Delhi.**
Details:
- This office would focus on UPU's development cooperation and technical assistance activities in collaboration with UPU.

Universal Postal Union Static Facts:
- **Headquarters:** Bern, Switzerland
- **Founded:** 1874

S151. Ans.(e)
Sol. Three Thousand Stitches is not written by Ruskin Bond while it is written by **Sudha Murthy.**
Details:
- Indian author Ruskin Bond wrote a book titled "The Golden Years: The Many Joys of Living a Good Long Life".
- The Golden Years book is published by HarperCollins India and released on 19 May 2023, Bond's 89th birthday.
- "The Golden Years" focuses on Bond's experiences during the 60s, 70s and 80s.

S152. Ans.(e)
Sol. The **Government of India** and the Government of **New Zealand** have signed a Memorandum of Understanding (MoU) to boost cooperation in civil aviation.
Details:
- This will cover the scheduling of new routes, code share services, traffic rights and capacity entitlement.
- According to the MoU, the designated airline(s) of New Zealand may operate any number of services with any type of aircraft, with third and fourth freedom traffic rights to/from six points in India, namely New Delhi, Mumbai, Bengaluru, Chennai, Hyderabad, and Kolkata.

S153. Ans.(a)
Sol. The Indira Sagar Dam (Opened in 2005) is a multipurpose project of Madhya Pradesh on the **Narmada River.**

S154. Ans.(c)
Sol. Sustainable Development Goal 8 is about **"decent work and economic growth"** and is one of the 17 Sustainable Development Goals that were established by the United Nations General Assembly in 2015.

S155. Ans.(a)
Sol. The Ministry of Textiles has approved the Startup Guidelines for Technical Textiles - Grant for Research and Entrepreneurship across Aspiring Innovators in Technical Textiles (GREAT) providing a grant-in-aid upto **INR 50 Lakhs** for up to a period of 18 months.
Details:

- The GREAT Guidelines provides thrust in Technical Textiles' application areas including Agro-textiles, Building-textiles, Geo-textiles, Home-textiles, Medical-textiles, Mobile-textiles, Packaging- textiles, Protective-textiles, Sports-textiles; Development of High-performance fibres and composites; Sustainable and Recyclable Textile materials; Smart Textiles using Artificial Intelligence, Internet of Things, 3D/4D Printing, and Rapid Prototyping; and Development of indigenous Machinery/Equipment/Instruments, among others.

S156. Ans.(d)
Sol. In the landlocked regions category, **Haryana** state secured the top position in the Export Preparedness Index 2022.

S157. Ans.(c)
Sol. The National Institution for Transforming India (NITI Aayog) has successfully completed its Special Campaign 2.0, which aims to resolve pending matters and promote **cleanliness (Swachhta) within government offices.**

S158. Ans.(b)
Sol. State Bank of India (SBI) has introduced the 'Nation First Transit Card' to facilitate a seamless and convenient customer commuting experience and ensure easy digital ticketing fare payments in metro, buses, water ferries, and parking, through a single card.

S159. Ans.(a)
Sol. Rajasthan Royals' **Yashasvi Jaiswal** won the Emerging Player of the Year award for scoring 625 runs during the IPL 2023 season.

S160. Ans.(c)
Sol. Jupiter is the destination of the European Space Agency's JUICE spacecraft on its eight-year journey through the Solar System.

S161. Ans.(d)
Sol. Workbook is a collection of **worksheets** in MS Excel.

S162. Ans.(b)
Sol. The **Insert** menu is MS Word contains the Symbol option that allows you to insert symbols in the document.

S163. Ans.(b)
Sol. F5 is the shortcut key for slideshow.

S164. Ans.(d)
Sol. Word is a word processor developed by Microsoft. In MS Word spelling check is a feature available in **Review** tab.

S165. Ans.(d)
Sol. There is nothing such as **font grammar.**

S166. Ans.(a)
Sol. Tab Key can be used for indentation.

S167. Ans.(c)
Sol. WordArt is decorative text that you can add to a document. You can make changes to WordArt, such as the font size and the text colour, by using the drawing tools options available automatically after you insert or select the WordArt in a document.

S168. Ans.(b)
Sol. Red underline indicates either a possible spelling error or that Word doesn't recognize a word, such as a proper name or place. Green underline- Word thinks that grammar should be revised. Blue underline- A word is spelled correctly but does not seem to be the correct word for the sentence.

S169. Ans.(c)
Sol. You can move a letter, word or paragraph by first **selecting it, cutting it and then pasting it** to the intended location.

S170. Ans.(a)
Sol. Each box in a spreadsheet is called a **cell.**

S171. Ans.(d)
Sol. Microsoft Word is a versatile word processing application that can be used for **a wide range of purposes, including creating business documents, storing and reusing formatted elements, designing different documents, and generating correspondence.**

S172. Ans.(c)
Sol. Save and Send option will save an open document and will display options to send the document using email, etc.

S173. Ans.(c)
Sol. Press the **Ctrl +R** keys for Right-Aligned Text.

S174. Ans.(b)
Sol. Table button comes under **Insert** Tab in Microsoft word.

S175. Ans.(a)
Sol. Interconnected Network is the perfect form of the Internet.

S176. Ans.(d)
Sol. Format Painter is used to quickly apply the same formatting, such as color, font style and size, or border style, to multiple pieces of text or graphics.

S177. Ans.(b)
Sol. 1 rows and 1 column is the minimum number of rows and columns that a table of MS Word can have.

S178. Ans.(c)
Sol. Shortcut CTRL+RIGHT ARROW is used to Move the insertion point to the beginning of the next paragraph in Microsoft Word.

S179. Ans.(c)
Sol. Shortcut SHIFT+DELETE keys used in Microsoft Word for **Delete the selected item permanently without placing the item in the Recycle Bin.**

S180. Ans.(a)
Sol. Shortcut CTRL+O keys used in Microsoft Word for **Open the Open dialog box.**

S181. Ans.(a)
Sol. In computing, **multitasking** is a concept of performing multiple tasks (also known as processes) over a certain period of time by executing them concurrently. They've replaced time sharing terminology.

S182. Ans.(a)
Sol. Ctrl + F is the short cut key combination to open find dialogue box.

S183. Ans.(a)
Sol. Word processing is the overall term for creating, editing, formatting, storing, retrieving and printing a text document.

S184. Ans.(c)
Sol. Insert >> Picture >> Clip Art series of action **opens clip art taskbar.**

S185. Ans.(c)
Sol. Motion path is **a method of moving items on a slide.**

S186. Ans.(d)
Sol. Interpreter takes Single instruction as input and Compiler Takes Entire program as input

S187. Ans.(a)
Sol. 3D printing, also known as additive manufacturing (AM), are processes used to synthesize a three-dimensional object in which successive layers of material are formed under computer control to create the object.

S188. Ans.(b)
Sol. A **symbol** is a character that represents something else, such as a mathematical operator or a currency sign. For example, the symbol "+" represents addition, and the symbol "$" represents the US dollar.

S189. Ans.(a)
Sol. The format consistency checker in MS Word places a **blue wavy underline** below affected text to indicate formatting inconsistencies.

S190. Ans.(c)
Sol. A **Macro** instruction is a line of computer program coding that results in one or more lines of program coding in the target programming language, sets variables for use by other statements, etc.

S191. Ans.(b)
Sol. The basic goal of a computer process is to convert data into **information.**

S192. Ans.(b)
Sol. SMPS stands for Switched-Mode Power Supply. It is an electronic power supply that uses a switching regulator to convert electrical power efficiently.

S193. Ans.(d)
Sol. The first generation **(1942-1956):** – They are characterized by vacuum tube. – These computers were made using thousands of Vacuum tubes.

S194. Ans.(c)
Sol. Random Access Memory (RAM) is a **temporary** data storage.

S195. Ans.(c)
Sol. Terminal users often use for access to mainframes or supercomputers.

S196. Ans.(b)
Sol. Software is also called **Programs.**

S197. Ans.(d)
Sol. The keys on the keyboard on which F1, F2 etc. are written are called **function key.**

S198. Ans.(a)
Sol. The value of 1 kb is **1024 byte.**

S199. Ans.(c)
Sol. The FDD connector contains **34-pins**, and uses a FDD ribbon cable to connect to a 3 ½" floppy disk drive.

S200. Ans.(b)
Sol. The **control unit (CU)** is a component of a computer's central processing unit (CPU) that directs the operation of the processor.