Directions (1-5): In each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and Give answer-

Q1. Six boxes P, Q, R, S, T and U are placed one above the another but not necessarily in the same order. Then which of the following box is placed just below R?
Statements:
I. There are three boxes placed between P and Q. Box T is placed below the box U but not placed just below.
II. Box S is placed just below the box Q. More than two boxes gap between S and U.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
(d) If the data given in both statements I and II together are not sufficient to answer the question
(e) If the data in both statements I and II together are necessary to answer the question.

Q2. Seven persons M, N, O, P, A, B and C are sitting around a circular table facing to the center but not necessarily in the same order. Then find who among the following sits 3rd to the right of P?
Statements:
I. M sits 2nd to the left of N. Both N and P are immediate neighbors to each other. B sits 3rd to the left of A, who sits near to M.
II. Both O and C are immediate neighbors to each other. No one sits between M and C. Only one person sits between A and B. P sits 2nd to the left of M.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
(d) If the data given in both statements I and II together are not sufficient to answer the question
(e) If the data in both statements I and II together are necessary to answer the question.

Q3. In a certain code language, how "Magician" is write?
Statements:
I. "Drop ball magic" is coded as "fi ma xc" and "Doss ball magician" is coded as "xc vh jk".
II. "Drop doss magic" is coded as "ma fi vh" and "Drop ball game" is coded as "fi kt pr"

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
(d) If the data given in both statements I and II together are not sufficient to answer the question
(e) If the data in both statements I and II together are necessary to answer the question.

Q4. Five persons are sitting in a row. Some are facing north while some are facing south. Find who among the following sits at the extreme right end?
Statements:
I. Only one person sits between Q and R. C sits immediate left of O. Only one person sits between B and C.
II. R is an immediate neighbor of O. There are three persons sit between B and O. Q is an immediate neighbor of B. Only one person sits between O and C.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
(d) If the data given in both statements I and II together are not sufficient to answer the question
(e) If the data in both statements I and II together are necessary to answer the question.

Q5. Six persons A, B, C, D, E and F like different colors i.e. Blue, Green, Yellow, Purple, White and Black but not necessarily in the same order. Find who among the following likes Purple?
Statements:
I. E likes Yellow. Neither B nor D like Black. C does not like Black and Blue.
II. A is neither like White nor Black. Both B and D are not like Blue. B likes Green. C does not like White.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question
(d) If the data given in both statements I and II together are not sufficient to answer the question
(e) If the data in both statements I and II together are necessary to answer the question.

Directions (6-10): In each of the question below are given three statements followed by three or four conclusions numbered I, II, III and IV. 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. Statements:
Only a few Lucknow are Kanpur.
Some Lucknow are not Meerut.
All Meerut are Bareilly.

Conclusions:

I. All Lucknow can be Bareilly.

II. Some Kanpur are Bareilly.

III. Some Kanpur are not Bareilly.

IV. Some Lucknow are not Kanpur.

(a) Only either I or IV follows

(b) Only either II or III follows

(c) Only I and IV and either II or III follow

(d) Either I or IV and either II or III follow

(e) None of these

Q7. Statements:

All Honey are Ginger.

Only Ginger are Cardimom.

Some Honey are Almond.

Conclusions:

I. Some Almond are Honey.

II. Some Ginger are Almond.

III. All Ginger are Cardimom.

IV. All Almond can be Cardimom.

(a) Only I and II follow

(b) Only I, II and III follow

(c) Only I, II and IV follow

(d) All follow

(e) None of these

Q8. Statements:

All Kite are Toy.

No Toy is a Ring.

Only a few Wheel are Kite.

Conclusions:

I. At least some Wheel are Toy.

II. All Toy being Wheel is a possibility.

III. No Kite is a Ring.

(a) Only I follows

(b) Only II and III follow

(c) All I, II and III follow

(d) Only II follows

(e) None of these

Q9. Statements:

No Guava is Pineapple.

Only Pineapple are Orange.

Only a few Guava are litchi.

Conclusions:

I. All Pineapple can be Litchi.

II. Some Litchi are not Orange.

III. Some Orange can be Litchi.

(a) Only II follows

(b) Only I follows

(c) Only II and III follow

(d) Only I and II follow

(e) None of these

Q10. Statements:

No Guava is Pineapple.

Only Pineapple are Orange.

Only a few Guava are litchi.

Conclusions:

I. All Litchi being Pineapple is a possibility.

II. Some Guavas are not Litchi.

III. At least some Pineapple are Orange.

(a) Only I follows

(b) Only III follow

(c) Only II and III follow

(d) Only I and II follow

(e) None of these

Directions (11-15): Study the following information carefully and answer the questions given below:

There are twelve persons namely A, B, C, D, E, F, G, Q, R, S, T, and V living on four different floors of a building. The ground floor is numbered as 1st floor and the top floor is numbered as 4th floor. There are three flats on each floor- flat-1, flat-2 and flat-3 from west to the east such that flat 2 is west of flat 3 and east of Flat 1. Flat-1 of the second floor is exactly above flat-1 of the first floor and other flats are placed in the same way.

V lives in the East direction with respect to T. One floor gap between V and D, who lives above V's floor in the same flat . T lives in an odd number flat. A lives just above T in same number flat. Both S and B are living on the same floor with A. R lives just above the floor on which A lives and in the west of F. Q lives just above the floor on which C lives. Both S and C are not live in the same flat. G lives in the West with respect to E. D lives on an even number flat.
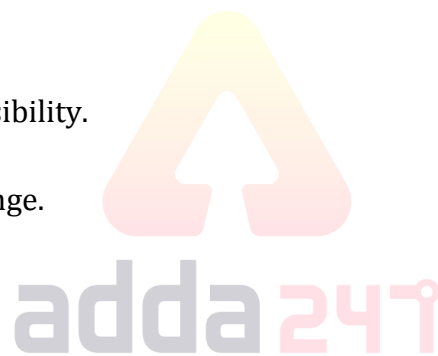
Q11. How many floor gap between R and C?
(a) None
(b) One
(c) Two
(d) Can't be determined
(e) None of these

Q12. Who among the following lives south-west from V?
(a) R
(b) G
(c) A
(d) C
(e) None of these

Q13. Which of the following group live on 3rd floor?
(a) RDF
(b) ASD
(c) AVQ
(d) SAC
(e) BSA

Q14. Who among the following lives on odd number flat and even number floor?
(a) R
(b) T
(c) Q
(d) F
(e) All of these

Q15. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
(a) R-V
(b) S-C
(c) F-E
(d) A-Q
(e) T-E

Directions (16-20): Study the following information carefully and answer the questions given below:

Ten persons A, B, C, D, E, G, H, K, L and M were born on two different dates i.e. 11th and 24th of five months viz. March, April, June, August and September but not necessarily in the same order. They have different weights (in kg) i.e. 40, 45, 55, 57, 58, 62, 64, 70, 72 and 76 but not necessarily in the same order.
Only three persons were born after the one who is 64 kg. One person was born between K and the one who is 64 kg. The number of persons born before G is the same as the number of persons born after the one who is 40kg. No one born between K and G. C was born just before the one who is 55kg in the same month. E was born just before the one who is 62 kg and just after the one who is 55kg. There were two persons born between the ones who are 62 kg and 64 kg. Four persons were born between E and M, who is 45kg. D was born just before H, who is 3rd heaviest among all and both were born in the same month. There was one person born between D and B, who was born before D. Total weight of G and D is 133kg and G is heavier than D. A is heavier than L. C is not the 2nd heaviest among all.

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Q16. How many persons were born after K?
(a) None
(b) Two
(c) Four
(d) One
(e) More than four

Q17. How many persons were born between A and G?
(a) None
(b) One
(c) Two
(d) Three
(e) More than three

Q18. Who among the following was born on 11th April?
(a) L
(b) C
(c) E
(d) K
(e) G

Q19. Which of the following pair of combination is true, as per the given information?
(a) K- 11th June
(b) L – 11th March
(c) G – 11th June
(d) H – 24th September
(e) Both (a) and (d)

Q20. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
(a) B
(b) L
(c) H
(d) M
(e) A

Q21. Statement-
Highlighting his achievements in present in rooting out corruption, Prime Minister Narendra Modi said that there has been "not even one taint or blot" on his government in these past three years.
Which of the following abrogates the above statement?
(I) Technology has brought about transparency and is being used to achieve great heights across sectors in India in Modi governance.
(II) In several parameters, the country is moving at a rapid pace under PM Modi's government. Noting that infrastructure is essential for sustainable development. The increase in aspiration of the common people is the greatest cause of this fast track development of the country.
(III) The billion Indians in India are still below poverty line and they are also finding the way to get rid of biggest problem of India which is corruption.
(IV) India is now receiving record number of foreign direct investment and all credit agencies and multilateral fora are giving a positive rating about India.

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(a) Only II
(b) Only III and IV
(c) Only III
(d) Only IV
(e) Only I and III

Q22. Statement-
"In a big relief to liquor companies which are holding their stocks worth more than Rs. 200 crore in Bihar, the Supreme Court on Monday granted them two months more time to transport liquor out of the state and directed them to dispose off their stocks by July 31."
I. Beverages Companies, contended that it was possible even to destroy the existing stocks by the end of this month .
II. The apex court had earlier fixed a deadline of May 31 for the companies to dispose off their stocks.
III. Seeking more time for transporting the stocks out of state, the confederation said in its petition that delay in disposing off stocks was beyond its control as clearances were required from various agencies.
Which of the following can be the Presupposition of the given statement?
(a) Only I
(b) Only II and III
(c) Only I and III
(d) All of the above
(e) None of the above

Q23. Statement-
The government has made quoting of Aadhaar mandatory for opening of bank accounts as well as for any financial transaction of 50,000 and above.
(I) The government in its Budget 2017 has already mandated seeding of Aadhaar number with Permanent Account Number (PAN) to avoid individuals using multiple PANs to evade taxes.
(II) Aadhaar is more secure and reliable than PAN for bank account transactions.
(III) Aadhaar number is issued by the Unique Identification Authority of India (UIDAI).
Which of the following statement can be concluded from the given statement?
(a) All except II
(b) Both II and III
(c) Only I
(d) Only I and II
(e) None of the above

Directions (24-28): Study the following information carefully and answer the questions given below:

Eight persons Rohit, Sonu, Kamal, Monika, Arun, Sourav, Atul and Dev are sitting around a rectangular table in such a way that four persons sit on each of the four corner of the table and other four persons sit on the middle of each side. The one who sits at the corner of table faces opposite to center of table and the one who sits at the middle side of table faces towards the center of table. Persons sitting on opposite sides are exactly opposite to each other. They like different fruits i.e. Apple, Orange, Pear, Cherry, Mango, Grape, Plum and Banana but not necessarily in the same order.

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The persons who like Orange and Apple are immediate neighbors. Sonu sits 2nd to the right of Atul, who likes Cherry. Both Sourav and Sonu are immediate neighbors to each other. The one who likes Plum sits opposite to Sourav. Rohit likes Banana. Dev faces outside from the table and not sit near to Atul. Kamal sits 2nd to the left of Dev, who does not like Plum. Arun likes Grape and sits 2nd to the right of Rohit. The persons who like Mango and Orange sit opposite to each other. The one who likes Pear sits near to the one who likes Banana.

Q24. Who among the following faces to Sonu?
(a) The one who likes Orange
(b) Arun
(c) The one who likes Mango
(d) Kamal
(e) None of these

Q25. Who among the following sits 3rd to the right of Monika?
(a) Dev
(b) The one who likes Pear
(c) The one who likes Cherry
(d) Rohit
(e) None of these

Q26. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
(a) Dev
(b) Kamal
(c) Sourav
(d) Arun
(e) Monika

Q27. The number of persons sit between Dev and Atul, when counted left side of Atul is same as the number of persons sit between ___ Kamal, when counted left side of __?
(a) Sonu
(b) Arun
(c) Rohit
(d) Monika
(e) Can't be determined

Q28. What is the position of Dev with respect to Arun?
(a) Immediate to the right
(b) 2nd to the right
(c) Immediate to the left
(d) 3rd to the left
(e) 3rd to the right
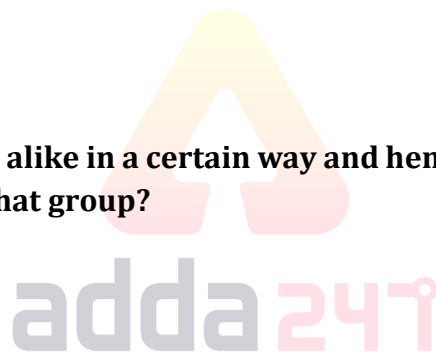
Directions (29-30): Study the following information carefully and answer the questions given below:

There are eight members live in the family. A is the aunt of E. G is the daughter of H, who is the son in law of A's brother. F has two children. C is the father of A. B is sister in law of A. F is the mother in law of B. D is the father of E.

Q29. Who among the following is the son in law of D?
(a) C
(b) H
(c) Either (a) or (b)
(d) B
(e) None of these

Q30. How many female members are in the family?
(a) Three
(b) Four
(c) Five
(d) Six
(e) Can't be determined

Directions (31-35): Study the following information carefully and answer the questions given below:

Eight persons A, B, C, D, E, F, G and H are sitting in a row facing to the north but not necessarily in the same order. They like different food items viz. Pie, Pizza, Cheese, Bagel, Bread, Pasta, Burger and Rice again not in the same order. Also, they have different heights and arranged in descending order from left to right according to their heights.

Only two persons are taller than A, who sits 2nd to the left of the one who likes Bagel. Only two persons sit between C, who likes Burger and the one who likes Bagel. F sits immediate left of C and just smaller than C. Three persons sit between F and the one who is just taller than C. D is just taller than C and just smaller than E. F is not the shortest among all. Only one person sits between D and the one who likes Pizza. The number of persons sits to the left of the one who likes Cheese is same as the number of persons sits to the right of the one who likes Pasta. Two persons sit between E and the one who is 2nd shortest among all. G is just smaller than the one who is 5ft. tall. H is 7ft. tall but not the tallest among all. The one who is tallest among all is an immediate neighbor of both F and H. Both G and D, are immediate neighbors. There are two persons sit between the ones who like Pizza and Bread, who does not sit at the extreme end of the row. F neither like Cheese nor Pizza. H does not like Cheese. The one who likes Pie sits right side of the one who likes Rice. C is an immediate neighbor of the one who likes Rice.

Q31. How many persons sit between F and A?
(a) None
(b) One
(c) Two
(d) Three
(e) None of these

Q32. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
(a) B - Bread
(b) C - Pie
(c) D - Rice
(d) G - Pasta
(e) E - Burger

Q33. What is the position of D with respect to the one who likes Burger?
(a) 3rd to the right
(b) 2nd to the left
(c) 3rd to the left
(d) immediate to the right
(e) None of these

Q34. What may be the possible height of E?
(a) 4.4 ft.
(b) 4.5 ft.
(c) 7.5 ft.
(d) 7.2 ft.
(e) 6.3 ft.

Q35. Who among the following person sits at the extreme ends of the row?
(a) The one who sits immediate to the right of H
(b) The one who sits immediate to the left of D
(c) The one who sits 3rd to the right of A
(d) The one who sits 2nd to the right of F
(e) The one who sits immediate to the left of G

Directions (36-40): There are two rows are given and to find out the resultant of a particular row we need to follow the following steps: -
Step 1: If an even number is followed by an odd (prime) number then the resultant will be the addition of both the numbers.
Step 2: If an odd number is followed by a perfect square then the resultant will be the difference of the square number and the odd number.
Step 3: If an odd number is followed by another odd number(but not perfect square) then the resultant will be the addition of both the numbers.
Step 4: If an even number is followed by an odd (non-prime) number then the resultant will be the difference of the odd number and the even number.
Step 5: If an odd number is followed by an even number(but not perfect square) then the resultant comes by multiplying the numbers.

Q36. Find the sum of resultant of first row and second rows?

8	3	6
9	16	7

(a) 68

(b) 80

(c) 73

(d) 85

(e) None of these

Q37. If the sum of the resultants of two rows is 46. Then find the value of X?

10	5	7
12	X	8

(a) 6

(b) 9

(c) 15

(d) 7

(e) None of these

Q38. Find the difference between the resultant of first and second row?

13	16	18
7	9	11

(a) 41

(b) 13

(c) 27

(d) 36

(e) None of these

Q39. Find the resultant of second row if X is the resultant of first row?

12	21	7
5	X	9

(a) 17

(b) 11

(c) 2

(d) 6

(e) None of these

Q40. Find the sum of the resultant of two rows. If X is the resultant of second row?

X	5	16
18	5	13

(a) 49

(b) 61

(c) 52

(d) 38

(e) None of these

Directions (41-45): Given pie chart show the population distribution of five cities and 2nd pie chart show the male population distribution of these cities.
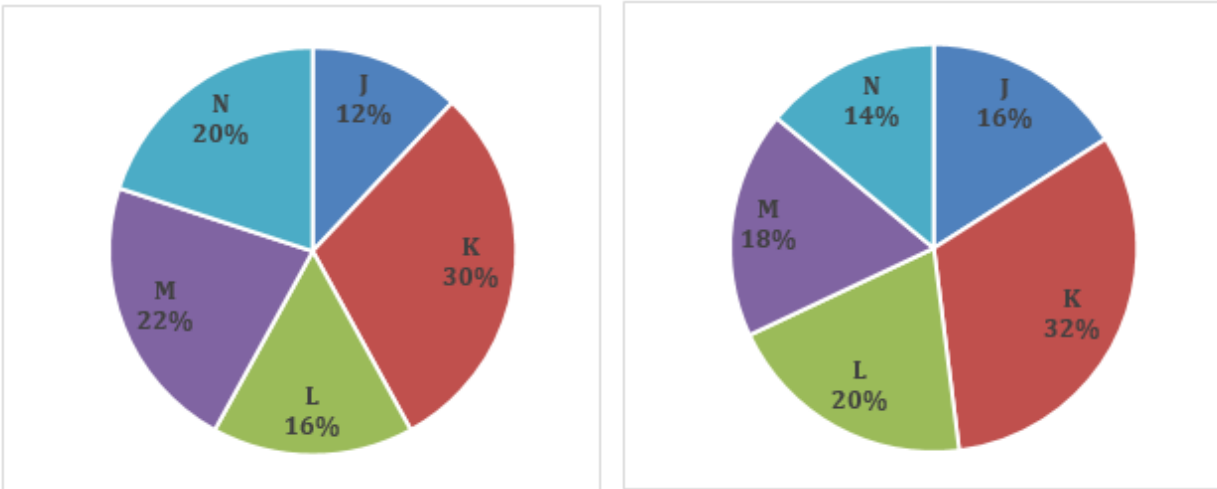
Note: Ratio of total population of five cities to total male population of these cities is 3 : 2.

Q41. If population of city K is 1,80,000 then find the female population of city L.
(a) 20000
(b) 18000
(c) 22000
(d) 14000
(e) 16000

Q42. What is the ratio of female population of city M to the female population of city J.
(a) 2 : 15
(b) 15 : 2
(c) 7 : 15
(d) 3 : 16
(e) 4 : 15

Q43. Females of city K is what percent of the males of city M.

(a) $72\frac{2}{9}\%$

(b) $73\frac{2}{9}\%$

(c) $71\frac{1}{9}\%$

(d) $77\frac{2}{9}\%$

(e) $67\frac{2}{9}\%$

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Q44. If total population of all cities is 6 lacs then find the average number of females of cities N, J and K.
(a) 122000/3
(b) 128000/3
(c) 218000/3
(d) 124000/3
(e) 118000/3

Q45. If male population of city L is 1 lakh then find that female population of city M is what percent of the male population of city K.
(a) 43.875%
(b) 47%
(c) 46.875%
(d) 46.125%
(e) 47.625%

Q46. A coin is biased, it gives 3 times more head as compare to tail. Another coin is also biased such that the head occurs 64% of the times. When two coins are tossed simultaneously, what is the probability of occurring one tail at a time.
(a) 47.2%
(b) 47.8%
(c) 46.2%
(d) 41.6%
(e) 56%

Q47. Rahul takes 133 ⅓% more time to cover a distance in upstream as compare to cover same distance in downstream. If his friend's speed and his speed are in ratio 6 : 7, when they go in downstream, then find the ratio of speed of Rahul and his friend in still water. (Speed of stream is same in both cases)
(a) 4 : 5
(b) 5 : 4
(c) 7 : 6
(d) 3 : 5
(e) 6 : 7

Q48. A, B and C entered in a business for one year, 8 months and 9 months respectively. A and C earn a profit of 10,000 and 20,000 from the total profit of 55000 after one year. If 'A' invest 1,50,000 initially then find the difference between investment of B and C.
(a) 162500
(b) 400000
(c) 250000
(d) can't be determined
(e) 190000

Q49. In a company ratio of number of officers to the number of clerks is 4 : 5. Total salary of all the officers is 140% more than the total salary of clerks. If total salary of all clerks and officers is 1020000 Rs. then find the salary of a officer is what % more than the salary of a clerk?
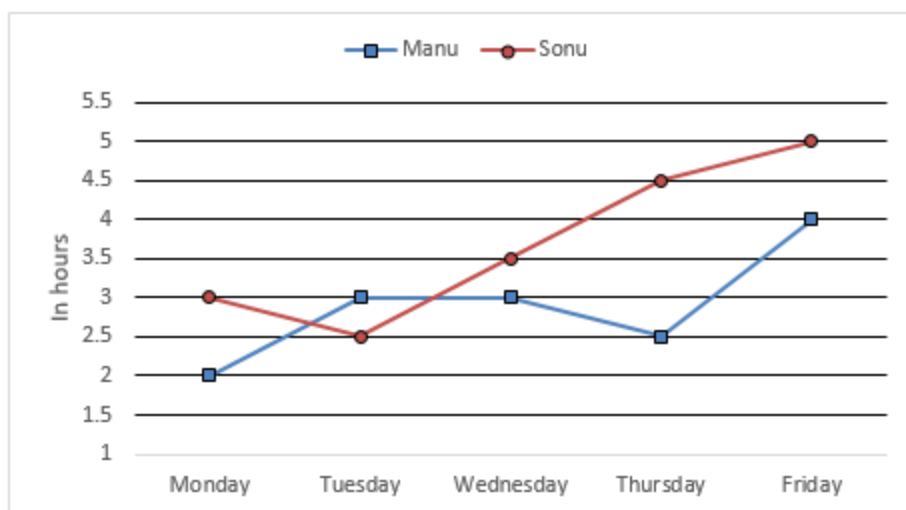(a) 300%
(b) 100%
(c) 150%
(d) 200%
(e) 50%

Q50. Vikas score 42 marks in an exam and failed by 2% and Sumit scores 36% and passed by 9 marks in same exam. How much marks they together required to reach 80% in same exam.
(a) 138
(b) 160
(c) 150
(d) 120
(e) 144

Directions (51-55): Table given below show distanced travelled by Manu on five different days and ratio of distance travelled by Manu and Sonu on these days. Line graph shows time taken by them to cover these distance on respective day. Study the data carefully and answer the following questions.

Days	Distance travelled by Manu (km)	Ratio of distance travelled by Manu to Sonu
Monday	120	4 : 5
Tuesday	225	9 : 11
Wednesday	140	5 : 7
Thursday	135	3 : 4
Friday	210	6 : 7

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Q51. Average speed of Monu to cover distance on Monday and Tuesday together is how much more than average speed of Sonu to cover distance on Wednesday and Thursday together?

(a) 16

(b) 18

(c) 20

(d) 22

(e) 24

Q52. Speed of Sonu on Friday is what percent more/less then speed of Sonu on Thursday.

(a) 12.5%

(b) 17.5%

(c) 22.5%

(d) 27.5%

(e) 32.5%

Q53. On Saturday, distance covered by Monu and Sonu is same as on Friday, while ratio of speed of Sonu on Friday and on Saturday is 7 : 10. Ratio of speed of Sonu and Monu on Saturday is 7 : 6. Find the sum of time taken by them to cover the respective distance on Saturday.

(a) 6 hr

(b) 7 hr

(c) 7.5 hr

(d) 8 hr

(e) 9 hr

Q54. If speed of Sonu increases by 25% on Tuesday, then how much less time is required to cover the same distance as of on Tuesday with increased speed?

(a) 30 minutes

(b) 60 minutes

(c) 90 minutes

(d) 120 minutes

(e) 150 minutes

Q55. Speed of Monu on Thursday is what percent of the speed of Sonu on Monday?

(a) 110%

(b) 102%

(c) 104%

(d) 106%

(e) 108%

Directions (56-60): Solve the given quadratic equations and mark the correct option based on your answer—

Q56.
I. $3x^2 - 10x + 8 = 0$
II. $5y^2 - 22y + 24 = 0$

(a) x > y

(b) x ≥ y

(c) x < y

(d) x ≤ y

(e) x = y or no relation can be established between x and y.

Q57.
I. $4x^2 + 39x + 90 = 0$
II. $2y^2 - 3\sqrt{3}y - 15 = 0$

(a) x > y

(b) x ≥ y

(c) x < y

(d) x ≤ y

(e) x = y or no relation can be established between x and y.

Q58.
I. $5x^2 - 36 = 12^2$
II. $y^2 + 17y + 72 = 0$
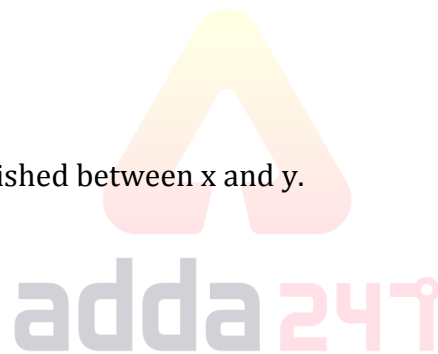
(a) x > y

(b) x ≥ y

(c) x < y

(d) x ≤ y

(e) x = y or no relation can be established between x and y.

Q59.
I. $1.5x^2 - 10x + 16 = 0$
II. $y^2 = 6y$

(a) x > y

(b) x ≥ y

(c) x < y

(d) x ≤ y

(e) x = y or no relation can be established between x and y.

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Q60.

I. $2x^2 - 21x + 55 = 0$

II. $5y^2 - 46y + 105 = 0$

(a) x > y

(b) x ≥ y

(c) x < y

(d) x ≤ y

(e) x = y or no relation can be established between x and y.

Q61. Raman invested Rs. P in scheme 'X' which offers some rate at compound interest p.a. If ratio of interest earned by him after first year to second year from scheme 'X' is 20 : 43 while if Raman invested Rs. P in scheme 'Q' which offers same rate but at simple interest then after 4 years sum amounts to Rs. 51,200, then find the interest he can earn if he invested Rs. P for 3 years in scheme 'X'.

(a) 16,248

(b) 16,868

(c) 15,548

(d) 14,656

(e) 16,668

Q62. A circle is inscribed in a square. If the difference between area of the square and circle is 262.5 cm², then find the area of the rectangle whose perimeter is same as that of circle while length of rectangle is 20% more than the breadth of rectangle (in cm²)

(a) 1500

(b) 1400

(c) 700

(d) 750

(e) 3000

Q63. 'C' worked for all days till the work is completed. 'B' worked for first 12 days and then left and after 3 days 'D' joined 'C' and they worked till the work is completed. 'A' worked for last 20 days. Each man did equal share of work. If 'A' and 'C' together can complete the work in 48 days then in how many days 'A', 'B' and 'D' together can complete the work.

(a) 24 days

(b) 20 days

(c) 16 days

(d) 15 days

(e) $14\frac{2}{17}$ days

Q64. A student finds the average of five two digits numbers. If One number is reversed and the average is taken again then the average increase by 5.4. If all five digits are consecutive multiple of four, then find the number which is reversed?

(a) 58
(b) 36
(c) 74
(d) 48
(e) None of these

Q65. Average weight of a group is 20 kg. When 2 people include in the group average weight becomes 22 kg after that when 4 another people removed from the group, having weight half of the weight of 2 person included previously, average weight become 25. Find the strength of group initially

(a) 18
(b) 20
(c) 22
(d) 16
(e) 14

Q66. For every 20-kg retailer give 2 kg rice free. He marked up the rice 50% more than the cost price. A customer came and buy 500 kg rice at $16\frac{2}{3}$% discount. Find profit percentage of retailer if retailor weighs 20% less?

(a) $41\frac{1}{22}\%$

(b) $42\frac{1}{22}\%$

(c) $44\frac{1}{22}\%$

(d) $43\frac{1}{22}\%$

(e) $45\frac{1}{22}\%$

Directions (67-70): 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.

Q67. Find the overall profit or loss percentage of retailer if he sells two bats and four balls.
(A) Cost price of 3 bats is equal to selling price of 4 balls while profit percentage on selling one bat is 50%.
(B) On selling two bats retailer earn 50% profit while on selling four balls retailers loss 40% of his money.
(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.

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Q68. A box contains 4 green ball, 'x' blue balls, 5 violet balls and 'y' yellow balls. Find the value of 'x + y'.

(A) Probability of choosing two green ball is 1/20.

(B) Probability of choosing one blue ball or one violet ball is ½.

(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.

Q69. If w > 1 and n ≠ 0,1 and 'w' and 'n' both are integers. Is 'n' a positive integer?

(A) $w^{2n} > w^n$

(B) $n^{2w} > n^w$

(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.

Q70. Find the number of persons in a group if average weight of the group is 16?

(A) If one person left the group having weight 16 then average weight of the group is same as before.

(B) If two persons join the group having weight 16 and 28, then the average weight of group increases by 2.

(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.

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Directions (71-75): A man has solids of shapes (sphere, cube, cylinder, cuboid & cone) Area of base of cuboid is 110 cm². Radius of sphere and cylinder are equal but volume of cylinder is 25% less than the volume of sphere. Height of cone is equal to the edge of cube and volume of cube $95\frac{5}{11}$% of volume of cone. Radius cone is equal to height of cuboid and height of cuboid is half of the diameter of the sphere. Ratio of volume of cylinder, cuboid and cube are 462 : 110 : 441 respectively.

Q71. What is the surface area of sphere ?
(a) 5244 cm²
(b) 5544 cm²
(c) 4254 cm²
(d) 4046 cm²
(e) 1044 cm²

Q72. Surface area of cube is what % of the total surface area of cylinder ?
(a) $57\frac{8}{11}$%
(b) $23\frac{1}{11}$%
(c) $46\frac{1}{11}$%
(d) $98\frac{1}{11}$%
(e) $47\frac{8}{11}$%
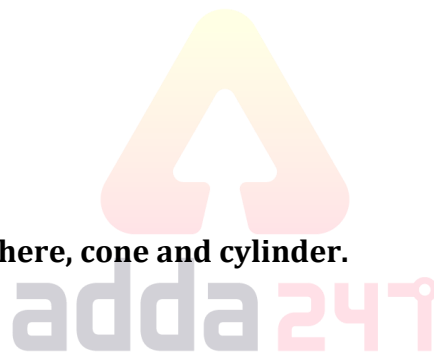
Q73. What is ratio of volume of sphere, cone and cylinder.
(a) 4 : 1 : 3
(b) 1 : 3 : 4
(c) 4 : 3 : 1
(d) 5 : 3 : 2
(e) 2 : 3 : 5

Q74. What is the sum of volume of cone and volume of cuboid?
(a) 10131 cm³
(b) 4301 cm³
(c) 12012 cm³
(d) 13013 cm³
(e) 9801 cm³

Q75. What is the curved surface area of cone.
(a) 1412√2 cm²
(b) 1368√2 cm²
(c) 1423√2 cm²
(d) 1531√2 cm²
(e) 1386√2 cm²

Directions (76-80): Given below is the table that shows the investment of five different companies, time for which Investment made and share of profit out of the total profits. Some values are missing, which you have to calculate according to given information in question. Read the data carefully and answer the questions:

Company	Investment (Cr)	Time (months)	Profit Share (cr)
TATA	20000	–	7500
Airtel	–	8	–
Wipro	–	–	10000
Mahindra	15000	–	–
Maruti	–	12	–

Q76. Airtel and Maruti together invested 315% of, what Tata invested. If ratio between invested amount of Airtel to amount invested by Maruti is 5 : 4 and they gets total 32% more profit than profit share of Tata. Then find profit amount of Airtel and Maruti respectively?
(a) 4500 cr, 5400 cr
(b) 4000 cr, 5400 cr
(c) 3500 cr, 4500 cr
(d) 3000 cr, 4500 cr
(e) 4800 cr & 5600 cr

Q77. Profit share of Tata and Wipro contributes 40% of total profit share of all the five companies. Profit share of Mahindra and Maruti is in the ratio 1 : 3. Find the total amount invested by Maruti and TATA together if amount invested by Airtel and Maruti is same while Mahindra invested for 10 months.(in cr)
(a) 52,500
(b) 57,500
(c) 38,750
(d) 33,750
(e) 75,000

Q78. If Maruti invested 20% more than that of Tata and gets 80% profit share of Wipro then find the difference between time period for which Maruti and Tata invested their amount ?
(a) 2 months
(b) 1 ½ months
(c) 3 months
(d) 4 months
(e) 2 ½ months

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Q79. Maruti and Mahindra gets 37.5% and 12.5% more profit then Wipro respectively. If ratio between time of period on which Maruti and Mahindra invested their amount is 2 : 3, then find investment of Maruti is how much percent more or less than the investment of Mahindra ?

(a) $63\frac{1}{3}\%$

(b) $62\frac{1}{2}\%$

(c) $83\frac{1}{3}\%$

(d) $72\frac{1}{2}\%$

(e) $96\frac{1}{3}\%$

Q80. If average of total amount invested by five companies is 20,000 cr and ratio of amount invested by Airtel, Wipro and Maruti is 4 : 6 : 3. Then, find the total profit obtained by Airtel and Maruti together, if Tata invested for the same period of time for which Maruti invested?
(a) 11625 cr
(b) 2625 cr
(c) 9625 cr
(d) 10625 cr
(e) 10025 cr

Directions (81-90): Read the following passage carefully and answer the questions given below it. Certain words are given in bold to help you locate them while answering some of the questions.

In his classic thought experiment set out in 'What Is An Emotion?' (1884), William James, pioneer psychologist and brother of the novelist Henry, tried to imagine what would be left of emotion if you subtracted the bodily symptoms. What, for example, would grief be 'without its tears, its suffocation of the heart and its pang in the breastbone? A feeling-less cognition that certain circumstances are **deplorable**, and nothing more.' James's resonant conclusion that 'a purely disembodied human emotion is a nonentity' launched a century of debate in which emotions have been dissected and analysed, modelled in the lab to determine causal sequences, and evoked in experimental subjects (mostly, obliging undergraduates).

The anthropologist comes at things from another direction. The problem of definition – of what emotions are – looks different if you start with the real-life episodes in which love, anger and sadness are embedded. And to James's thought experiment, they can pose a **rejoinder**. Try to imagine an emotion without its cultural and social context – *the warp and weft of its occurrence*, its very form and meaning. What would be left? The mind stripped bare? The naked heart? Or nothing? If, like me, you spend time in places where emotional lives are quite different, the possibility of a standardised definition, a universal recipe for 'anger', 'sadness' and 'love', recedes still further. The very category of emotion starts to look shaky.

Consider the island of Nias, an **outlier** in the far west of Indonesia. In the 1980s, my wife and I lived there for two and half years, conducting fieldwork in the hilly interior. The toughest obstacle to settling in was not so much the tropical heat or the isolation of one of Indonesia's poorest islands, but a set of distinctive, sometimes ill-humoured emotions, especially those clustering around gift exchange.

In almost every society, giving and receiving are actions braided with emotion. The matching of gifts with recipients, the need to reciprocate or repay, are delicate matters, rife with risk. On Nias, the presenting, claiming, outdoing and extracting of gifts is raised to a fine art, with a corresponding **calibration** of emotions. But the link between _____ is often indirect, sometimes baffling. To the outsider, Nias presents a challenge at once conceptual and personal. Set foot in one of its gaunt hilltop settlements, with their tall peaked houses and gloomy paved squares, and you enter a different emotional world. The dominant emotion – the one people talked about and surmised in others but rarely owned up to – was 'painful heart', a **virulent** brew of resentment, envy and spite. A great deal of life revolves around this sentiment, held to motivate sorcery, the sabotage of crops and the poisoning of fishponds. In a society configured by competition and prestige, 'painful heart' is the dark side of swaggering one-upmanship.

Q81. What does the author mean when he says "a purely disembodied human emotion is a non-entity'?
(a) A creature with no emotions is not human
(b) It's not possible for a human to not experience emotions both mentally and physically
(c) A human that does not feel emotions doesn't exist
(d) A human when stripped off of the physiological reaction to an emotion becomes dysfunctional
(e) None of these

Q82. How is the gift exchange raised to a fine art in the Nias society?
(a) The gifts are given after a lot of deliberation
(b) The gifts are abstract in their meaning
(c) Upon the exchange of gifts, the resulting emotions are carefully processed and adjudged by comparison.
(d) Both a) and c)
(e) All of these

Q83. What according to the author was the toughest obstacle that he and his wife had to face whilst living in Nias?
(a) The author and his wife had a tough time getting accustomed to the customs of the village
(b) The village was very far removed from the mainland and they felt isolated
(c) Their fieldwork proved to be harder than anticipated
(d) They could not understand and adjust to the ill-humoured emotions of the villagers and especially those revolving around gift exchange
(e) Both b) and d)

Q84. Which of the following phrases can be used to fill the blank in the last paragraph?
(a) Giving and exchanging
(b) Receiving and exchanging
(c) Receiving and result
(d) Exchange and affect
(e) None of these

Q85. Which of the following according to you best conveys the phrase 'the warp and weft of its occurrence'?
(a) Thread that makes an emotion what it is
(b) The how and why of the occurrence of the emotion
(c) The origin and reason of the occurrence of the emotion
(d) Both b) and c)
(e) All of these

Directions (86-88): Which of the following words is the MOST DISSIMILAR in meaning as the words printed in bold as used in the passage?

Q86. Deplorable
(a) Unpardonable
(b) Grievous
(c) Abysmal
(d) Sublime
(e) Diabolical

Q87. Virulent
(a) Vitriolic
(b) Rancorous
(c) Amicable
(d) Acrimonious
(e) Mordant

Q88. Calibration
(a) Weigh
(b) Measure
(c) Process
(d) Appraise
(e) Guess

Directions (89-90): Which of the following words is the MOST SIMILAR in meaning as the words printed in bold as used in the passage?

Q89. Rejoinder
(a) Riposte
(b) Inquiry
(c) Question
(d) Cross-examine
(e) Interrogatory

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Q90. Outlier
(a) Distant
(b) Obnoxious
(c) Inconsequential
(d) Succinct
(e) Exhausting

Directions (91-92): In the question given below an inference is given in bold which is then followed by three paragraphs. Find out the paragraph(s) from which it is inferred.

Q91. SEBI's liberalised norms for FPIs will make Indian market a preferred choice for foreign investors.
[I] Capital in excess of ₹20,000 crore has left Indian shores in the last few weeks after Finance Minister Nirmala Sitharaman's budget decision to increase taxes on FPIs. Policymakers were clearly under pressure to do something to allay the fears of foreign investors. The new measures must not deflect attention from the larger and persistent issue of overreach by the government against investors.
[II] Foreign investors who have been fleeing the country since the Union budget presented early last month have something to cheer about finally. On Wednesday, the Securities and Exchange Board of India (SEBI), based on the recommendations of the H.R. Khan committee, eased several regulatory restrictions that are likely to make life easier for foreign portfolio investors (FPIs). FPIs can now also engage in the off-market sale of their shares with fewer restrictions.
[III] Among a slew of measures introduced for attracting FPIs, the financial markets regulator, SEBI has simplified the registration process for FPIs by doing away with the broad-based eligibility criteria, which required a minimum of at least 20 investors in a foreign fund, and certain documentary requirements. Further, SEBI has allowed entities registered at an international financial services centre to be automatically classified as FPIs. This might help foreign investors bypass some of the restrictions.
(a) Only [II]
(b) Both [I] & [III]
(c) Both [I] & [II]
(d) Both [II] & [III]
(e) All [I], [II], [III]

Q92. Keeping the prices of the new drug low is essential for increased treatment uptake.
[I] With only a low percentage of MDR-TB cases being treated, the actual number of people who do not tolerate or respond to available MDR-TB drugs and so will be eligible to receive the BPaL regimen is unknown. Though the total number of people who will require the new drug may not be high, these are people who have very little alternative treatment options that are safe and efficacious.
[II] The anti-tuberculosis drug pretomanid recently approved by the U.S. Food and Drug Administration will be a game changer for treating people with extensively drug-resistant TB (XDR-TB) and those who do not tolerate or respond to now available multidrug-resistant TB (MDR-TB) drugs. While the availability of a potent drug is welcome news, it remains to be seen if it would be made affordable, particularly in the developing countries where the burden of XDR-TB and MDR-TB is the highest and therefore the need for consumption is highest.

[III] Unlike 18-24 months needed to treat highly-resistant TB using nearly 20 drugs, the BPaL regimen took just six months, was better tolerated and more potent in clearing the bacteria. The shorter duration is more likely to increase adherence to therapy and improve treatment outcomes. According to the World Health Organisation, in 2017, there were an estimated 4.5 lakh people across the world with MDR-TB, of which India accounted for 24%, and about 37,500 with XDR-TB.

(a) Only [II]
(b) Only [I]
(c) Only [III]
(d) Both [II] & [III]
(e) All [I], [II], [III]

Directions (93-100): In each of the following questions, a sentence is given with four words highlighted. The word may be mis-spelt or grammatically or contextually incorrect. You have to choose the incorrect word as your answer. If all the words are correct, mark option (E) i.e. All are correct as your answer.

Q93. After the lead actors had been **repeatedly** late for **rehearsal**, the director decided to **delegate** them to the chorus and replace them with their **understudies**.

(a) repeatedly
(b) delegate
(c) understudies
(d) rehearsal
(e) All are correct

Q94. Because the student **addressed** the principal in an **irreverant** tone, he **received** two days of **detention.**

(a) irreverant
(b) addressed
(c) received
(d) detention
(e) All are correct

Q95. Even though **churches** are supposed to be **welcoming** places of worship, the church near my **apartment** building is not **convivail** to new members.

(a) churches
(b) welcoming
(c) apartment
(d) convivail
(e) All are correct

Q96. The **ordnance** establishing the special **tribunal** for the trial was passed by a **remnant** of the House of Commons alone, from which all **dissentients** were excluded by the army.
(a) ordinance
(b) tribunal
(c) remnant
(d) dissentients
(e) All are correct

Q97. The man **decided** to find new legal **counsel** since his **current attorney** doesn't seem to care about his case.
(a) decided
(b) counsel
(c) current
(d) attorney
(e) All are correct

Q98. Elizabeth has been **censored** for having made no effort in later years to clear her mother's memory; but no **vindication** of Anne's character could have **rehabilitated** Elizabeth's **legitimacy**.
(a) censored
(b) vindication
(c) rehabilitated
(d) legitimacy
(e) All are correct
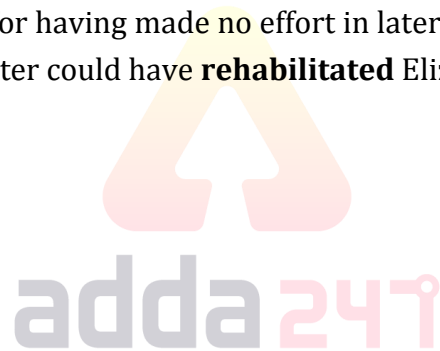
Q99. To **accommadate** customers with late work **schedules**, the store is **extending** its hours until ten in the evening Monday **through** Friday.
(a) accommadate
(b) schedules
(c) extending
(d) through
(e) All are correct

Q100. Confident and **self-assured**, the mix-up in music did not **phase** the poised **ballerina**.
(a) Confident
(b) self-assured
(c) phase
(d) ballerina
(e) All are correct

Directions (101-105): Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is your answer. If there is no error, the answer is (E). (Ignore errors of punctuation if any)

Q101. On Rakesh's solo trip(A)/ to Europe,(B)/ he not only visited Paris(C)/ but also Rome.(D)/No Error(E)
(a) A
(b) B
(c) C
(d) D
(e) E

Q102. The sous chef(A)/ and wine expert(B)/ are supposed to(C)/ certify your documents.(D)/No Error(E)
(a) A
(b) B
(c) C
(d) D
(e) E

Q103. Ram had prepared a meal, (A)/ found a maid (B)/ and chose a school for the kids (C)/ before she arrived.(D)/ No Error(E)
(a) A
(b) B
(c) C
(d) D
(e) E
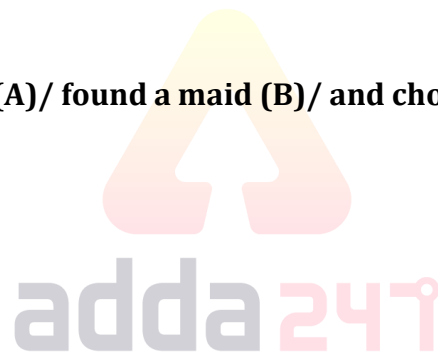
Q104. Sita is facing difficulty (A)/ in deciding (B)/ among the two (C)/ courses of study. (D) /No Error(E)
(a) A
(b) B
(c) C
(d) D
(e) E

Q105. When the people of Pakistan (A)/ could not endure(B)/ the atrocities of the military regimen,(C)/they beared it down.(D)/No Error(E)
(a) A
(b) B
(c) C
(d) D
(e) E

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Directions (106-110): Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below

(A) Built at a cost of nearly ₹3,000 crore, the 19.54-km corridor serves only around 10,000 people daily on an average and is plagued by irregular service and poor frequency.

(B) Earlier this month, operations were suspended owing to non-availability of a key spare part, current collector shoes (CCS), which collects electricity from the third rail on the guideway and provides power to the trains. MMRDA has now appointed a Pune-based company to supply CCS.

(C) While there have been several issues in the past, a recent decision by the Mumbai Metropolitan Region Development Authority (MMRDA) has provided some hope that the cursed system could be partially salvaged.

(D) There is perhaps no better example of an urban planning disaster than the Mumbai Monorail.

(E) The tenders will be finalised and the order will be placed before September 15. The trains will be delivered in 21 months.

(F) A new vendor development policy adopted by MMRDA is likely to solve a critical issue affecting the Monorail's operations — non-availability of spare parts.

Q106. Which of the following statements will not form a coherent part of the rearranged paragraph?
(a) D
(b) B
(c) C
(d) E
(e) A

Q107. Which one of the following pairs is formed with two consecutive statements after the rearrangement?
(a) D - F
(b) C - D
(c) E - A
(d) C - B
(e) A - C

Q108. Which of the following statements will be the FIRST statement after rearrangement?
(a) D
(b) E
(c) B
(d) C
(e) A

Q109. Which of the following statements can conclude the passage given above?
(a) The trains will be delivered in 21 months. By 2021, the Monorail services will be running with 17 trains with a frequency of six minutes
(b) Further, MMRDA is now looking to develop a pool of vendors to supply critical spare parts linked to the braking system and traction motors.
(c) D.L.N. Murthy, chief operating officer, Mumbai Monorail, said, "MMRDA has floated a tender for procurement of 10 new trains."
(d) A common complaint of commuters who use the service daily is the poor frequency of trains.
(e) MMRDA officials said the Monorail operates at a peak frequency of 22 minutes.

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Q110. Which of the sequences given below will be the correct sequence after the logical rearrangement of the statements given above?
(a) CDABF
(b) DACFB
(c) BACDF
(d) DAFCB
(e) FCABD

Directions (111-120): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five options are given. Find the word which fits the blank most appropriately.

Q111. Japan's Hayabusa2 probe has successfully landed on a distant asteroid where it hopes to collect samples that could _____(111)light on the evolution of the solar system. Scientists in the control room observing the landing clapped and made "V" for victory signs. "The _____(112) is successful," spokesman Takayuki Tomobe from the Japan Aerospace Exploration Agency said.

The agency said the _____ (113) had been working normally above Ryugu asteroid, some 300m km (185m miles) from Earth. Its landing is the second time the probe has touched down on the _____ (114) asteroid as part of a complex mission that has also involved sending rovers and robots.

The mission hopes to collect _____(115) materials from beneath the surface of the asteroid that could provide insights into what the solar system was like at its birth, some 4.6bn years ago.

To get at those crucial materials, in April an "impactor" was fired from Hayabusa2 towards Ryugu in a risky process that created a _____ (116) on the asteroid's surface and stirred up material that had not previously been exposed to the atmosphere.

"This is the second touchdown, but doing a touchdown is a challenge whether it's the first or the second," Yuichi Tsuda, Hayabusa2 project manager, told reporters _____(117) of the mission.

"The whole team will do our best so that we'll be able to complete the operation," he said.

Hayabusa2's first touchdown was in February, when it landed _____ (118) on Ryugu and fired a bullet into the surface to puff up dust for collection, before blasting back to its holding position.

The second touchdown required special preparations because any problems could have meant the probe lost the precious materials already _____ (119) during its first landing.

A photo of the crater taken by Hayabusa2's camera showed that parts of the asteroid's surface are _____(120) with materials that are "obviously different" from the rest of the surface, mission manager Makoto Yoshikawa told reporters.
(a) Highlight
(b) Shed
(c) Enlighten
(d) Threw
(e) None of these

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Q112. Japan's Hayabusa2 probe has successfully landed on a distant asteroid where it hopes to collect samples that could _____(111)light on the evolution of the solar system. Scientists in the control room observing the landing clapped and made "V" for victory signs. "The _____(112) is successful," spokesman Takayuki Tomobe from the Japan Aerospace Exploration Agency said.

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(a) touchdown
(b) arrival
(c) splashdown
(d) landfall
(e) all of these

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(a) invention
(b) dockyard
(c) quest
(d) probe
(e) none of these

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(a) oppressed
(b) desolate
(c) disconsolate
(d) persecuted
(e) none of these

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(a) fraudulent
(b) shifty
(c) pristine
(d) mint
(e) all of these

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(a) dents
(b) dispute
(c) crater
(d) stint
(e) none of these

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(a) before
(b) after
(c) end
(d) ahead
(e) All of these

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(a) falsely
(b) briefly
(c) long
(d) just
(e) all of these

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(a) gathered
(b) encompass
(c) accustomed
(d) distributed
(e) none of these

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(a) submerged
(b) authenticated
(c) covered
(d) proximated
(e) all of these

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Q121.A NAND gate is formed by _____?
(a) An AND gate followed by an OR gate
(b) An NOT gate followed by an AND gate
(c) An AND gate followed by NOT gate
(d) An OR gate followed by an AND gate
(e) None of the above

Q122.What is a relational database that is designed for query and analysis rather than for transaction processing?
(a) Data Warehouse
(b) PLSQL
(c) Oracle
(d) Data Mining
(e) Cloud

Q123.In PowerPoint, what is the function of Alt+N in navigating the ribbon with only the keyboard?
(a) Open the Transitions tab
(b) Open the Home tab
(c) Open the Insert tab
(d) Open the Review tab
(e) Open the Tell me box

Q124.The device that can both feed data into and accept data from a computer is called _____.
(a) ALU
(b) CPU
(c) input-output device
(d) All of these
(e) None of these

Q125.Which of the following places the common data elements in order from smallest to largest?
(a) Character, File, Record, Field, Database, File
(b) Character, Record, Field, Database, File
(c) Character, Field, Record, File, Database
(d) Bit, Byte, Character, Record, Field, File, Database
(e) None of the above

Q126.EPROM is generally erased by using _____.
(a) ultraviolet rays
(b) infrared rays
(c) 12V electrical pulse
(d) 24V electrical pulse
(e) None of these

Q127.What does DRAM stands for?
(a) Digital Random Access Memory
(b) Dynamic Random Access Memory
(c) Dividing Random Access Memory
(d) Dynamic Recording Access Memory
(e) None of these

Q128.Commands at the top of a screen such as File-Edit, Format and Tools to operate and change things are incorporated in _____.
(a) Menu bar
(b) Tool bar
(c) User friendly
(d) Word processor
(e) None of these

Q129.By default, word 2010 saves a document with the _____ extension.
(a) .docx
(b) .doc
(c) docs
(d) ppt
(e) None of these

Q130.Software that is actively utilised by end-users (like word or powerpoint) is called:
(a) Actionware
(b) Operating system
(c) System software
(d) Driver
(e) Application software

Q131.Specialised program(s) designed to allow particular input or output device(s) to communication with the rest of the computer system is called _____.
(a) Computer
(b) Device drivers
(c) Interpreters
(d) Operating system
(e) None of these

Q132.What is properly arranged data called?
(a) Field
(b) Words
(c) Information
(d) Metadata
(e) Memor

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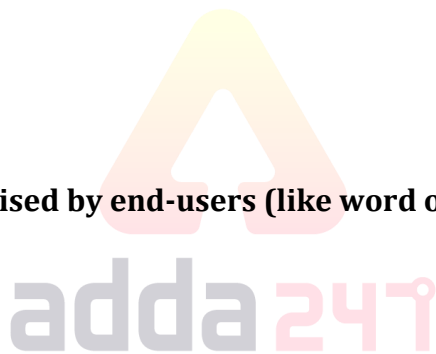
Q133._____ is a program that appears or pretends to be a genuine application, but actually causes damage to the executable files on the computer.
(a) Trojan horse
(b) Adware
(c) Spyware
(d) Worm
(e) Viruses

Q134.The program that is used by search engines to search the Internet for documents using their Web addresses is known as :
(a) Bing
(b) MSN
(c) Spider
(d) Google
(e) None of these

Q135.Which one of the following is the standardised language used for commercial applications?
(a) C
(b) COBOL
(c) FORTRAN
(d) C++
(e) Java

Q136.The feature in database language that allows us to access certain records in database is called _____.
(a) Query
(b) Forms
(c) Reports
(d) Tables
(e) Node

Q137.UDP and TCP are categorized under the __layer of the OSI model.
(a) Data link
(b) Application
(c) Network
(d) Transport
(e) Session

Q138.Twisted pair wires are commonly used in?
(a) Telephones networks
(b) Cable TV Networks
(c) Computer networks
(d) Both (a) and (b)
(e) None of the above

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Q139. MySQL is _____.
(a) a hierarchical model
(b) a RDBMS
(c) a relational model
(d) a database scheme
(e) None of these

Q140.System Software includes which of the following?
(a) Linkers
(b) Debuggers
(c) Loaders
(d) Compilers
(e) All the above

Q141.Verification of a login name and password is known as_____.
(a) configuration
(b) accessibility
(c) authentication
(d) logging in
(e) None of these

Q142.What is the common name given to a program written in any one of the high-level languages?
(a) System program
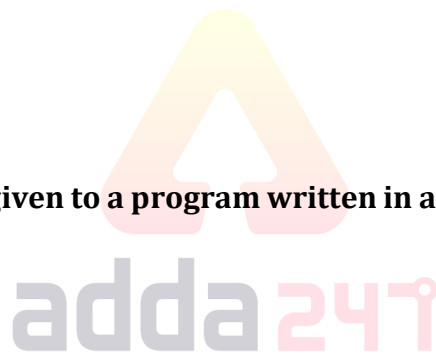(b) Compiler program
(c) Object program
(d) Source program
(e) Data program

Q143. For predicting the weather which of the following is the best solution?
(a) thin clients
(b) servers
(c) supercomputer
(d) workstations
(e) mini computer

Q144. Identify the odd term among the following groups.
(a) Optical fibre
(b) Co-axial cable
(c) Twisted pair wire
(d) Micro waves
(e) None of these

Q145._____ language is used to create macros in MS Excel.
(a) C
(b) C++
(c) Visual C++
(d) Java
(e) Visual Basic

Q146.A half byte is know is_____.
(a) Data
(b) Bit
(c) word
(d) Nibble
(e) None of the above

Q147.Which among the following is an organised collection of data about a single entity?
(a) file
(b) database
(c) dictionary
(d) library
(e) None of these

Q148.The process of trading goods over the internet is known as _____.
(a) E-selling-n-buying
(b) E-trading
(c) E-finance
(d) E-salesmanship
(e) E-commerce
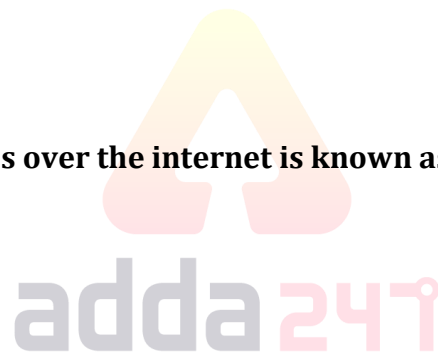
Q149.Android is a mobile operating system designed primarily for touch screen mobile devices such as smart phones and tablets. Which among the following was the first Android Operating System?
(a) Cupcake
(b) Alpha
(c) Gingerbread
(d) Doughnut
(e) Eclair

Q150.Internet Explorer is a(n) ____.
(a) System software
(b) Application software
(c) Programming software
(d) All of these
(e) None of these

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Q151.____ is a set of programs that are hardcoded on a chip to load into ROM at startup.
(a) BIOS
(b) BOIS
(c) BSIO
(d) BSSO
(e) None of these

Q152.Computer gathers data, which means that they allow users to _____ data.
(a) Present
(b) Input
(c) Output
(d) Delete
(e) None of these

Q153.The first electro-mechanical computer MARK-1 invented was by ____.
(a) Charles Pascal
(b) John W Mauchly
(c) Howard Aiken
(d) Clifford Berry
(e) Steve Wozniak

Q154.What does a computer system includes?
(a) Hardware
(b) Software
(c) Peripheral devices
(d) All of these
(e) None of these

Q155.Storage unit provides _____.
(a) Place for typing data
(b) Storage for information and instruction
(c) Place for printing information
(d) All of the above
(e) None of these

Q156.What is a simulated experience generated by computer called; like visiting the outer space or stepping on Moon?
(a) Extended Reality
(b) Virtual Reality
(c) Augmented Reality
(d) Snooping
(e) Eavesdropping

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Q157.Which of the following is an expansion card which generates a feed of output images to a display?
(a) Bus
(b) Motherboard
(c) Play Station
(d) Ultra High Definition
(e) Video Card

Q158.Using output devices one can ___.
(a) View or Print Data
(b) Modify Data
(c) Store Data
(d) Replicate Data
(e) Enter Data

Q159.Which of the following forms a part of a search engine?
(a) Spiders or Web crawlers
(b) Indexing software
(c) Search algorithm
(d) All of these
(e) None of these

Q160.Which of the following device used 'set of beads' to represent the unit of data?
(a) ENIAC
(b) EDVAC
(c) Abacus
(d) MARK-I
(e) None of these

Q161. Name the hockey player, who has been chosen for 2019 Mohun Bagan Ratna.
(a) Udham Singh
(b) K. D. Singh
(c) Keshav Dutt
(d) Jaswant Singh Rajput
(e) None of these

Q162. _____ a/an electronic trading platform, operated by the Reserve Bank of India, used to facilitate the exchange of government securities and other money market instruments.
(a) Delivery versus Payment (DvP)
(b) Negotiated Dealing System (NDS)
(c) Risk Mitigation
(d) Competition Commission of India (CCI)
(e) None of the given options is true

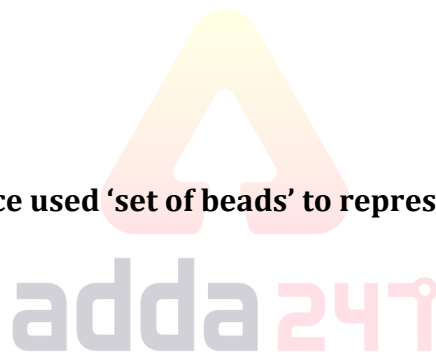**Q163. Which country's Cricket Federation has been suspended by ICC with immediate effect over violation of global body's constitution which doesn't allow any government intervention?**
(a) Kenya
(b) Pakistan
(c) Zimbabwe
(d) Afghanistan
(e) None of these

Q164. The Kisan Credit Card (KCC) scheme is a credit scheme introduced in August 1998 by Indian banks. This model scheme was prepared by-
(a) NABARD
(b) RBI
(c) SEBI
(d) FICCI
(e) SIDBI

Q165. Name the person, who was appointed as the 28th Governor of Madhya Pradesh.
(a) Kaptan Singh Solanki
(b) Satya Pal Malik
(c) Lalji Tandon
(d) Satyadev Narayan Arya
(e) None of these

Q166. The 20th meeting on Financial Stability and Development Council (FSDC) held recently in which city?
(a) Mumbai
(b) Jaipur
(c) New Delhi
(d) Lucknow
(e) None of these

Q167. Name the judge, who has been sworn-in as new Chief Justice of Telangana High Court.
(a) Koka Subba Rao
(b) Raghvendra Singh Chauhan
(c) Kalyan Jyoti Sengupta
(d) Pinaki Chandra Ghose
(e) None of these

Q168. Bandhan Bank Limited is an Indian banking and financial services company headquartered in Kolkata, West Bengal. Bandhan, which started as a _____ company in 2001.
(a) micro-finance
(b) small-finance
(c) medium-finance
(d) industry-finance
(e) rural-finance

Q169. _____ is a trade and economic policy which advocates replacing foreign imports with domestic production.
(a) Import substitution
(b) Reduction in import
(c) Decrease in export
(d) Boost of Economy
(e) Increase in trade

Q170. Slowdown in the rate of increase of price of goods and service in national GDP over a time called?
(a) Deflation
(b) Reflection
(c) Stagflation
(d) Disinflation
(e) Recession

Q171. Digital payments company Paytm has launched the 'Paytm First Card' in partnership with organization?
(a) SBI
(b) Citi bank
(c) NPCI
(d) NABARD
(e) None of these

Q172. Name the country, which has started test run on world's fastest-ever bullet train "Alfa-X"?
(a) USA
(b) China
(c) Israel
(d) Japan
(e) None of these

Q173. Name the organizations, which has released the 'Payment and Settlement Systems in India: Vision 2019 - 2021'.
(a) RBI
(b) NPCI
(c) SBI
(d) PayTm
(e) None of these

Q174. Name the person, who has been appointed as the new Pakistan High Commissioner to India.
(a) Mohammad Nafees Zakaria
(b) Ashraf Choudhary
(c) Mueenul Haq
(d) Naela Chohan
(e) None of these

Q175. Name the telecom company, which has joined hands with internet major Google to expand its WiFi footprint across the country.
(a) Airtel
(b) Vodafone Idea
(c) BSNL
(d) Jio
(e) None of these

Q176. IRDAI has set up a committee to review the regulatory framework on microinsurance and recommend measures to increase the demand for such products. Who will be the head of the committee?
(a) K K Khanna
(b) Rajesh Bhalotia
(c) Suresh Mathur
(d) Anil K Garg
(e) None of these

Q177. A savings as well as current account should be treated as inactive if there are no transactions in the account for over a period of ____ months.
(a) 24 months
(b) 30 months
(c) 12 months
(d) 06 months
(e) 36 months

Q178. What is the minimum amount required to open a Fixed Deposit (FD)?
(a) Rs. 1000
(b) Rs. 100
(c) Rs. 500
(d) Rs. 300
(e) No Limit

Q179. Name the Woman, who has become the India's first fighter pilot to qualify to undertake combat missions.
(a) Bhawana Kanth
(b) Avani Chaturvedi
(c) Anny Divya
(d) Nivedita Bhasin
(e) None of these

Q180. Which bank has become the first private sector bank to sell Indian gold coins?
(a) Dhanlaxmi Bank
(b) Federal Bank
(c) ICICI Bank
(d) IndusInd Bank
(e) Karur Vysya Bank

Q181. Name the play won the Pulitzer Prize 2019 for the category "drama".
(a) p r i s m, by Ellen Reid
(b) Be With, by Forrest Gander
(c) Fairview by Jackie Sibblies Drury
(d) Amity and Prosperity: One Family and the Fracturing of America, by Eliza Griswold
(e) None of these

Q182. Which of the following will function as the Bharat Bill Payment Central Unit (BBPCU), single authorized entity operating the BBPS?
(a) RBI
(b) NPCI
(c) GOI
(d) SEBI
(e) NABARD

Q183. _____ is a market form wherein a market or industry is dominated by a small number of sellers.
(a) Capitalization
(b) Vendor
(c) Group
(d) Cartel
(e) oligopoly

Q184. Which of the following acts is useful in controlling HAWALA transactions?
(a) FEMA Act
(b) RBI Act
(c) DICGC Act
(d) Banking Regulation Act
(e) None of the above

Q185. Name the Public sector bank, which has partnered with M1Xchange TReDS platform for MSMEs bill discounting.
(a) Central Bank of India
(b) Bank of India
(c) Bank of Baroda
(d) Bank of Maharashtra
(e) None of these

Q186. Section 80E of the Income Tax Act provides for deduction of interest paid on Education or study loan is taken for higher education. Deduction under section 80E is available for ____
(a) 2 years
(b) 4 years
(c) 8 years
(d) 10 years
(e) None of the given options is true

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Q187. The World Economic Outlook (WEO) database contains selected macroeconomic data series from the statistical appendix of the World Economic Outlook report. It is published by-
(a) IMF
(b) World Bank
(c) UNCTAD
(d) WTO
(e) United Nations

Q188. Name the payment bank, which has teamed up with Bharti AXA General Insurance for a two-wheeler insurance product offering.
(a) Fino Payments Bank
(b) Jio Payments Bank
(c) Airtel Payments Bank
(d) Aditya Birla Payments Bank
(e) None of these

Q189. With which article of the Indian Constitution is Money Bill related?
(a) Article 110
(b) Article 109
(c) Article 108
(d) Article 107
(e) None of the given options is true

Q190. Which of the following institutions is responsible for the supervision of RRBs?
(a) RBI
(b) SEBI
(c) NABARD
(d) GOI
(e) All of the above

Q191. The book "Kargil: Untold stories from the War" written by
(a) Khushwant Singh
(b) Vikram Seth
(c) Ruskin Bond
(d) Rachna Bisht Rawat
(e) None of these

Q192. Kartik Chandra Rath passed away in Cuttack, Odisha. He belonged to which field?
(a) Sports
(b) Painting
(c) Academician
(d) Theatre
(e) None of these
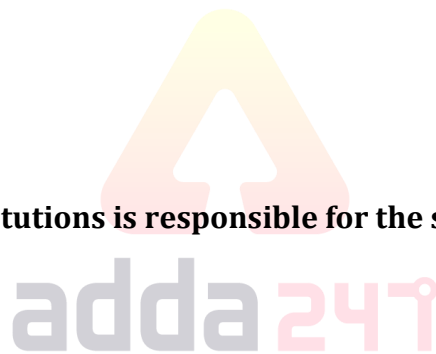
Q193. The World Day for International Justice is observed every year on which date to promote international criminal justice and as a way of supporting the work of the International Criminal Court?
(a) May 09
(b) April 03
(c) July 17
(d) August 24
(e) None of these

Q194. India's resolution on digital health was recently adopted by which international organization?
(a) WTO
(b) WHO
(c) IMF
(d) UNICEF
(e) None of these

Q195. What is the Capital of Saudi Arabia?
(a) Jakarta
(b) Doha
(c) Riyadh
(d) Aden
(e) Baku

Q196. Shuklaganj situated on the banks of which river?
(a) Minachil
(b) Ganga
(c) Godavari
(d) Mahanadi
(e) None of these

Q197. Maithon Dam is built on the river of Barakar located in which state?
(a) West Bengal
(b) Odisha
(c) Uttar Pradesh
(d) Bihar
(e) Jharkhand

Q198. Bardo Chham is a folk dance performed in which state?
(a) Haryana
(b) Maharashtra
(c) West Bengal
(d) Arunachal Pradesh
(e) None of these
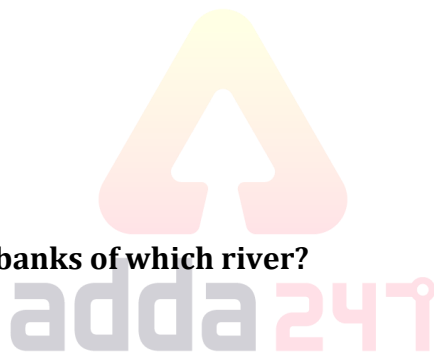
Q199. Sipat Super Thermal Power Plant located at Sipat in which state?
(a) Uttarakhand
(b) Chhattisgarh
(c) Himachal Pradesh
(d) Arunachal Pradesh
(e) Assam

Q200. Dachigam National Park is situated in which state?
(a) Jammu and Kashmir
(b) Gujarat
(c) Rajasthan
(d) Uttar Pradesh
(e) None of these

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