

## RBI Office Attendant - Quantitative Aptitude Quiz

### Quiz - 1

Q1. Ratio of speed of a bus to a car is 6 : 7. They start from the same point and move towards the same direction. After four hours distance between them is 28 km. Find the time in which car will cover 196 km.

- (a) 6 hours
- (b) 4 hours
- (c) 4.5 hours
- (d) 2 hours
- (e) 8 hours

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

Q2. Veer can do a work in  $x$  days. While Sameer can do the same work in  $(x + 4)$  days. Ratio of work done by Veer in 3 days to work done by Sameer in 4 days is 15 : 16. Find the value of ' $x$ '.

- (a) 24
- (b) 18
- (c) 12
- (d) 20
- (e) 16

L1Difficulty 2

QTags Time And Work

QCreator AYUSH PANDEY

Q3. Train A crosses a platform of 98 m length in 24 sec. Another Train B of same length as Train A crosses a pole in 12 sec. If speed of train A is 20% more than speed of train B. Find length of train A.

- (a) 80 m
- (b) 65 m
- (c) 70 m
- (d) 75 m
- (e) 90 m

L1Difficulty 2

QTags Trains

QCreator AYUSH PANDEY

Q4. The ratio of speed of boat in still water to speed of stream is 11 : 1. If the boat takes 1 hour more to cover 220 km upstream than to cover same distance in still water. Then find the speed of boat in still water.

- (a) 22 km/hr
- (b) 18 km/hr
- (c) 15 km/hr
- (d) 20 km/hr
- (e) 25 km/hr

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**12 Months Validity**

Q5. Two tap A and B can fill a tank in 12h and 10h respectively. Due to a leak in bottom of tank it takes 18h to fill the whole tank. If from the leak water is running at the rate of 46 lit/min, then find capacity of tank?

- (a) 3600 lit
- (b) 21600 lit
- (c) 2160 lit
- (d) 36000 lit
- (e) None of these

L1Difficulty 2

QTags Pipes And Cisterns

QCreator AYUSH PANDEY

Q(53 & 54) SBI clerk pre 3 (2019)

Q6. Manoj is 25% less efficient than Hemant. Vikash and Hemant working together can complete a task in 16 days and Vikash is half efficient as Hemant, then find in how many days Manoj alone can complete the task with 150% of his original efficiency?

- (a)  $21\frac{1}{3}$  days
- (b) 21 days
- (c)  $22\frac{2}{3}$  days
- (d) 24 days
- (e) 32 days

L1Difficulty 2

QTags Time And Work

QCreator AYUSH PANDEY

Q7. Each of two trains - A & B of different length can cross a pole in 5 seconds and when they are moving in same direction, train - A crosses train - B in  $28\frac{1}{3}$  sec. If sum of their length is 0.85 km, then find the ratio of their length?

- (a) 7:11
- (b) 10:7
- (c) 11:13
- (d) 10:13
- (e) 5:4

L1Difficulty 2

QTags Trains

QCreator AYUSH PANDEY

Q60, SBI clerk pre 4 (2019)

Q8. A train can cross a pole and a tunnel in  $\frac{1}{1200}$  hrs and 10 seconds respectively. If Difference between length of tunnel and length of train is 200 meters, then find speed of train.

- (a) 70 m/s
- (b) 45 m/s
- (c) 35 m/s
- (d) 40 m/s
- (e) 50 m/s

Q9. A and B undertook to do a piece of work for Rs 5400. A alone could do it in 15 days and B alone could do it in 20 days. With the help of C they finished the work in 6 days. Then what is C's share in the wage when all work together?

- (a) Rs 1440
- (b) Rs 1620
- (c) Rs 1360
- (d) Rs 1120
- (e) Rs 1580

L1Difficulty 2

QTags Time And Work

QCreator AYUSH PANDEY

Q10. A pipe can fill a cistern in 15 min and another pipe can fill the same cistern in 60 min. a third pipe can empty it in 10 min. the first two pipes are kept open for 10 min in the beginning and then the third pipe is also opened, what is the time taken to empty the cistern?

- (a) 45 min
- (b) 60 min
- (c) 50 min
- (d) 48 min
- (e) 55 min

L1Difficulty 2

QTags Pipes And Cisterns

QCreator AYUSH PANDEY

Q11. A train at a speed of 90 kmph crosses a pole in 25 seconds less than the time it required to cross a bridge 5 times of its length at same speed. Find the length of train.

- (a) 100 meter
- (b) 105 meter
- (c) 120 meter
- (d) 125 meter
- (e) None of these.

L1Difficulty 2

QTags Trains

QCreator AYUSH PANDEY

Q42, SBI clerk pre 6 (2019)

Q12. A boat covers 11.2 km distance in downstream in 48 minutes. If ratio between speed of boat in still water to speed of stream is 3 : 1, then find in what time boat will cover 42 km of distance in downstream and in upstream?

- (a) 7 hours
- (b) 5 hours
- (c) 9 hours
- (d) 10 hours
- (e) 3 hours

Q13. Two pipes A and B can fill a cistern in 12 hours and 8 hours respectively. The pipes are opened simultaneously, and it is found that due to leakage in bottom, 12 min extra are taken to the cistern to be filled. If the cistern is full, in how much time the leak empties the cistern alone?

- (a) 120 hours
- (b) 112 hours
- (c) 108 hours
- (d) 132 hours
- (e) 96 hours

L1Difficulty 2

QTags Pipes And Cisterns

QCreator AYUSH PANDEY

Q14. Sanjay can cover a distance of 30 km in upstream and 45 km in downstream in 13 hours. At the same speed, he can travel 24 km upstream and 30 km downstream in 10 hours. What is the speed of the water current?

- (a) 9 km/hr
- (b) 8 km /hr
- (c) 6 km/hr
- (d) 4 km/hr
- (e) 12 km/hr

L1Difficulty 2

QTags Boat And Stream

QCreator AYUSH PANDEY

Q15. Raghav can do a piece of work in 15 days while Dev can do the same piece of work in 20 days. If they work together for 4 days, how much fraction of work left?

- (a)  $\frac{7}{15}$
- (b)  $\frac{1}{2}$
- (c)  $\frac{8}{13}$
- (d)  $\frac{8}{15}$
- (e) None of these

L1Difficulty 2

QTags Time And Work

QCreator AYUSH PANDEY

### Quiz - 2

Q1. In how many ways the word 'INTICINCO' can be written so that 'T' always comes at end.

- (a) 720
- (b) 1680
- (c) 5040
- (d) 1024
- (e) 210

Q2. Find the probability of selecting a two-digit number at random such that it should be a multiple of 3 but not a multiple of 12?

- (a)  $\frac{4}{15}$
- (b)  $\frac{23}{90}$
- (c)  $\frac{7}{30}$
- (d)  $\frac{1}{3}$
- (e)  $\frac{11}{45}$

L1Difficulty 2

QTags Probability

QCreator AYUSH PANDEY

Q56, SBI clerk pre 2 (2019)

Q3. A rectangular field was fenced at 4 Rs./meter and ratio of breadth to length of field is 9 : 4. If total cost of fencing was Rs. 208, then find area of the rectangular field?

- (a) 144m<sup>2</sup>
- (b) 72m<sup>2</sup>
- (c) 180m<sup>2</sup>
- (d) 108m<sup>2</sup>
- (e) 36m<sup>2</sup>

L1Difficulty 2

QTags 2D-Mensuration

QCreator AYUSH PANDEY

Q(55 & 56) SBI clerk pre 3(2019)

Q4. When two cards are drawn from a pack of cards then find what is the probability that both cards are club cards or both cards are ace cards?

- (a)  $\frac{14}{221}$
- (b)  $\frac{15}{221}$
- (c)  $\frac{19}{221}$
- (d)  $\frac{9}{221}$
- (e)  $\frac{12}{221}$

L1Difficulty 2

QTags Probability

QCreator AYUSH PANDEY

Q5. Diagonal of a square whose side is  $22\sqrt{2}$  cm is bent into a circle, find area of the circle?

- (a) 176 cm<sup>2</sup>
- (b) 132 cm<sup>2</sup>
- (c) 154 cm<sup>2</sup>
- (d) 220 cm<sup>2</sup>
- (e) 198 cm<sup>2</sup>

Q6. The sides of a rectangle are in the ratio of 5 : 4 (length : breadth). If the length is increased by 3 cm and breadth is reduced by  $37\frac{1}{2}\%$ , the new area obtained is  $150 \text{ cm}^2$  less than the original area. Find the perimeter of the rectangle?

- (a) 72 cm
- (b) 108 cm
- (c) 126 cm
- (d) 90 cm
- (e) 100 cm

L1Difficulty 2

QTags 2D-Mensuration

QCreator AYUSH PANDEY

Q47, SBI clerk pre 4(2019)

Q7. A bag Contains 10 two-rupee coins, 5 ten-rupee coins and 7 one-rupee coins, If 3 Coins are withdrawn at random find the probability of getting minimum amount.

- (a)  $\frac{1}{50}$
- (b)  $\frac{1}{22}$
- (c)  $\frac{1}{66}$
- (d)  $\frac{1}{44}$
- (e)  $\frac{1}{33}$

L1Difficulty 2

QTags 2D-Mensuration

QCreator AYUSH PANDEY

Q58, SBI clerk pre 4(2019)

Q8. Diagonal of rectangular park is 26 meter and perimeter of rectangular park is 68 meter Find area of the park?

- (a)  $120\text{m}^2$
- (b)  $180\text{m}^2$
- (c)  $240\text{m}^2$
- (d)  $60\text{m}^2$
- (e) None of these

L1Difficulty 2

QTags 2D-Mensuration

QCreator AYUSH PANDEY

Q9. Three dice are thrown together. Find the probability of getting a sum of 17.

- (a)  $\frac{1}{72}$
- (b)  $\frac{1}{54}$
- (c)  $\frac{1}{45}$
- (d)  $\frac{1}{36}$
- (e) None of these

Q10. If ratio of Area of rectangle to its perimeter is  $9 : 2$  and breadth of rectangle is  $33\frac{1}{3}\%$  of it's length. Find area of rectangle.

- (a)  $400\text{unit}^2$
- (b)  $240\text{unit}^2$
- (c)  $364\text{unit}^2$
- (d)  $432\text{unit}^2$
- (e) can't be determined

L1Difficulty 2

QTags 2D-Mensuration

QCreator AYUSH PANDEY

Q(56 - 60) SBI clerk pre 9 (2019)

**Directions (11 – 15):** Study the table given below and answer the following questions.

Table shows the number of girls in 5 different schools (A, B, C, D & E) and ratio of boys & girls in these schools.

School	Number of girls	Ratio of boys to girls
A	720	11 : 9
B	540	3 : 2
C	270	7 : 3
D	576	13 : 12
E	350	8 : 7

Q11. Find ratio of boys in school - A & E together to boys in school - B & C together.

- (a)  $3 : 5$
- (b)  $11 : 14$
- (c)  $8 : 9$
- (d)  $1 : 2$
- (e)  $6 : 11$

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q12. Average number of girls in school - B, C & D is what percent of average number of students in school - A & D?

- (a) 50%
- (b) 15%
- (c) 35%
- (d) 20%
- (e) None of the above.

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q13. Students in school - B are how much more than girls in school - E and boys in school - D together?

- (a) 388
- (b) 382
- (c) 394
- (d) 376
- (e) 374

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q14. Students in school - C & E together are what percent more or less than girls in school - A?

- (a)  $118\frac{1}{6}\%$
- (b)  $112\frac{2}{3}\%$
- (c)  $145\frac{1}{2}\%$
- (d)  $129\frac{1}{6}\%$
- (e)  $123\frac{2}{3}\%$

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q15. Girls in school - A & D together are what percent of boys in school - A & E together?

- (a)  $101\frac{1}{4}\%$
- (b)  $93\frac{3}{4}\%$
- (c)  $108\frac{1}{2}\%$
- (d)  $97\frac{3}{4}\%$
- (e)  $99\frac{1}{2}\%$

L1Difficulty 2

QTags Table DI

### Quiz - 3

**Directions (1-15):** Find the value of question mark (?) in the following questions.

Q1.  $\frac{?}{4}$  of  $\frac{3}{5}$  of  $\frac{24}{25}$  of 625 =  $3125 \times 54$

- (a) 1675
- (b) 1875
- (c) 2075
- (d) 1475
- (e) 1650



Q2.  $4846 + 3454 + 5156 = ? + 11342$

- (a) 2114
- (b) 2314
- (c) 2144
- (d) 2014
- (e) 2018

Q3.  $4^2 \times (8 \times 128) = 256 \times 1024$

- (a) 5
- (b) 3
- (c) 2
- (d) 4
- (e) 8

Q4.  $264 \div 8 \times 12 + 224 - 64 = ?$

- (a) 350
- (b) 450
- (c) 465
- (d) 655
- (e) 556

L1Difficulty 3

QTags Simplification

QCreator AYUSH PANDEY

Q5.  $\sqrt{1024} + \sqrt{784} - \sqrt[3]{(77 + 4) \times 9} = ?$

- (a) 31
- (b) 69
- (c) 40
- (d) 51
- (e) 71

L1Difficulty 3

QTags Simplification

QCreator AYUSH PANDEY

Q6.  $56 \% \text{ of } 55 + ? \% \text{ of } 132.8 = 8^2$

- (a) 20
- (b) 15
- (c) 25
- (d) 5
- (e) 10

L1Difficulty 3

QTags Simplification

Q7.  $17.5 \times 16 + ? = 28^2 - \sqrt{576}$

- (a) 440
- (b) 420
- (c) 410
- (d) 480
- (e) 460

L1Difficulty 3

Q8.  $\frac{?}{32.5} + 32^2 + 80\% \text{ of } 317.5 = 36^2$

- (a) 565
- (b) 580
- (c) 575
- (d) 585
- (e) 582

L1Difficulty 3

QTags Simplification

QCreator AYUSH PANDEY

Q9.  $5.25 \times 18 + 12.25 \times 8 + ? = 14^2$

- (a) 3.5
- (b) 2.5
- (c) 1.5
- (d) 4.5
- (e) 5.5

L1Difficulty 3

QTags Simplification

QCreator AYUSH PANDEY

Q10.  $41\% \text{ of } 2560 + 32\% \text{ of } 388.75 = 34^2 + ?$

- (a) 16
- (b) 18
- (c) 14
- (d) 12
- (e) 10

L1Difficulty 3

QTags Simplification

QCreator AYUSH PANDEY

Q11.  $12^2 + 16^2 + 7.5 \times 12 = ?? + \sqrt[3]{216}$

- (a) 22
- (b) 21
- (c) 20
- (d) 24
- (e) 26

Q12.  $3\frac{1}{7} + 5\frac{1}{14} - ? = 2\frac{1}{7}$

- (a)  $4\frac{1}{14}$
- (b)  $6\frac{1}{14}$
- (c)  $8\frac{1}{14}$
- (d)  $9\frac{1}{14}$
- (e)  $2\frac{1}{14}$

Q13. ? % of  $37.5 + 12.5 \times 14 = 25\%$  of 760

- (a) 36
- (b) 32
- (c) 44
- (d) 48
- (e) 40

Q14.  $1246 + 1567 - ? = 22^2 + \sqrt[3]{1000}$

- (a) 2317
- (b) 2315
- (c) 2319
- (d) 2313
- (e) 2321

L1Difficulty 3

QTags Simplification

QCreator AYUSH PANDEY

Q15.  $\frac{783}{?} + 175.75 - 175.5 \div 6 = 190$

- (a) 18
- (b) 16
- (c) 14
- (d) 12
- (e) 10

QCreator AYUSH PANDEY

### Quiz - 4

Q1. Efficiency of A is 80% of that of B and efficiency of C is 20% more than that of B. B alone can complete a piece of work in 12 days and received Rs.600 for completing the work. If all 3 started working together on same work, then find the difference in wages received by A & C.

- (a) Rs.80
- (b) Rs.50
- (c) Rs.100
- (d) Rs.60
- (e) Rs.90

L1Difficulty 2

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**12 Months Validity**

Q2. A vessel contains 100 liters milk. 20 liters milk is taken out from the vessel and completely replaced with water and then X liters of mixture is taken out from the vessel and completely replaced with water. If ratio of milk to water in the final mixture is 14 : 11, then find X.

- (a) 50
- (b) 20
- (c) 40
- (d) 30
- (e) 60

L1Difficulty 2

QTags Work And Wages

QCreator AYUSH PANDEY

Q3. If 3 cards are drawn randomly from a pack of 52 cards, then find the probability of getting all 3 cards as face cards.

- (a)  $\frac{42}{1105}$
- (b)  $\frac{3}{85}$
- (c)  $\frac{11}{221}$
- (d)  $\frac{32}{221}$
- (e)  $\frac{11}{1105}$

L1Difficulty 2

QTags Misc Probability

QCreator AYUSH PANDEY

Q4. Ratio of volume of cylinder to that of cone is 10:3 and ratio of radius of cylinder to that of cone is 2 : 3 and ratio of radius to height of cylinder is 2 : 5. If height of cone is 14 cm, then find curved surface area of cylinder.

- (a) 2720 cm<sup>2</sup>
- (b) 3080 cm<sup>2</sup>
- (c) 3140 cm<sup>2</sup>
- (d) 3580 cm<sup>2</sup>
- (e) 2920 cm<sup>2</sup>

L1Difficulty 2

QTags 3D-Mensuration

QCreator AYUSH PANDEY

Q5. 75% of A is equal to 40% of C and 80% of B is equal to 100% of A. If sum of 50% of B and 30% of C is equal to 95, then find 80% of A.

- (a) 72
- (b) 120
- (c) 80
- (d) 64
- (e) 96

Q6. If pipe - P & R together fills the tank in  $11\frac{1}{9}$  hours and pipe - Q alone can empty the tank in 16 hours, then find time taken by pipe - P, Q & R together to fill the tank.

(a)  $\frac{350}{17}$  hours

(b)  $\frac{200}{27}$  hours

(c)  $\frac{300}{11}$  hours

(d)  $\frac{400}{11}$  hours

(e)  $\frac{500}{17}$  hours

L1Difficulty 2

QTags Pipes And Cisterns

Q7. CP of article - A is 80% of that of article -B. Article - A is marked 60% above its CP and 20% discount is allowed on it. If discount allowed on article - A is Rs.20 more than profit earned on article - A, then find CP of article - B.

(a) Rs.600

(b) Rs.650

(c) Rs.675

(d) Rs.575

(e) Rs.625

L1Difficulty 3

QTags Miscellaneous Profit and Loss

QCreator AYUSH PANDEY

Q8. Average marks scored by Aman in Math, English & Hindi are 70 and average marks scored by Aman in Hindi, English & Science are  $83\frac{1}{3}$ . If marks scored by Aman in English & Hindi are same, then find difference in Aman's marks in Math & Science.

(a) 10

(b) 40

(c) 30

(d) 20

(e) Cannot be determined.

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

Q9. A team of 5 persons consisting of 3 male and 2 female is to be formed out of 8 male and 5 female. Find in how many ways the team can be formed?

(a) 560 ways

(b) 840 ways

(c) 1280 ways

(d) 40 ways

(e) 1287 ways

L1Difficulty 2

Q10. Train - B can cross train - A in 90 seconds while running in same direction. Ratio of length of train - A to that of B is 4 : 5 and difference in speed of train - A & B is 36 km/hr. If train - A can cross 200m long platform in 24 seconds, then find speed of train - B.

- (a) 162 km/hr.
- (b) 90 km/hr.
- (c) 144 km/hr.
- (d) None of the above.
- (e) Cannot be determined.

**Directions (11-15):** Study the table given below and answer the following questions.

Table shows the units of five accessories of computers sold by the store in 3 different years 2017, 2018 & 2019.

Accessories	2017	2018	2019
Keyboard	4000	5000	4500
Mouse	4500	6000	8000
UPS	2000	1000	500
Printer	3000	4000	6000
Speakers	6000	4500	5000

Q11. Mouse sold by store in 2017 & 2018 together are what percent more or less than keyboard sold by store in 2017 & 2018 together?

- (a)  $16\frac{2}{3}\%$
- (b)  $13\frac{1}{3}\%$
- (c)  $28\frac{2}{3}\%$
- (d)  $25\frac{1}{3}\%$
- (e)  $35\frac{2}{3}\%$

Q12. Find ratio of average of Mouse, Printer and Speaker sold by store in 2017 to Keyboard and Printer together sold by store in 2019.

- (a) 1 : 4
- (b) 2 : 3
- (c) 4 : 5
- (d) 3 : 7
- (e) None of the above.

Q13. Mouse, UPS & Speakers together sold by store in 2019 are how much more/less than Printer & Speakers together sold by store in 2018?

- (a) 4000
- (b) 4500
- (c) 5000
- (d) 3500
- (e) 3000

Q14. UPS sold by store in 2017, 2018 & 2019 together are what percent of Printers sold by store in 2017 & 2018 together?

- (a) 80%
- (b) 70%
- (c) 60%
- (d) 90%
- (e) 50%

Q15. If selling price of a unit of Mouse and UPS sold by the store in 2019 is Rs.150 & Rs.800 respectively, then find the revenue of store from the sales of Mouse and UPS together in 2019.

- (a) 12 lacs
- (b) 4 lacs
- (c) 16 lacs
- (d) 24 lacs
- (e) 8 lacs

### Quiz - 5

**Directions (1-15):** Calculate the approximate value of the given questions:

Q1.  $21.11\%$  of  $1299.89 + 5 \times ? = 52.12\%$  of  $4399.98$

- (a) 415
- (b) 408
- (c) 362
- (d) 398
- (e) 403

Q2.  $2.93 \times 4.98 + 54.88 \div 4.98 + ? = 78.12\%$  of  $199.11$

- (a) 130
- (b) 110
- (c) 105
- (d) 140
- (e) 150

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q3.  $\frac{(3.99 \times ?) + 29.88}{24.92} + 1149.92 \div 5 = 319.98$

- (a) 555
- (b) 4282
- (c) 569
- (d) 525
- (e) 502

L1Difficulty 3

Q4.  $16.004\sqrt{?} + 68.899\sqrt{?} - 10.001\sqrt{?} = \frac{75.11}{33.99} \times (?)$

- (a) 1225
- (b) 961
- (c) 1024
- (d) 729
- (e) 1156

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q5.  $56.08\% \text{ of } 149.92 + \sqrt{28.02 \times 6.98} - 11\frac{1}{9}\% \text{ of } 998.9 = ?$

- (a) 17
- (b) -13
- (c) 8
- (d) -16
- (e) 22

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q6.  $79.98\% \text{ of } ? = \sqrt{249.98 \times 44.04} + 40\% \text{ of } 8499$

- (a) 80
- (b) 120
- (c) 150
- (d) 180
- (e) 240

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q7.  $? \times 40.01 \div 24.02 \times 27.05 = \frac{593.93}{114.94} \times \frac{2299}{263.98}$

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

Q8.  $19.99\% \text{ of } (40.01 \times \sqrt{?}) = (31.99)^2 + (16.01)^2$

- (a) 160
- (b) 2560
- (c) 16
- (d) 25600
- (e) 256



Q9.  $? + 13.02 \times 49.98 = 420.05 + 44.98\% \text{ of } 799 + 220.10$

- (a) 300
- (b) 350
- (c) 400
- (d) 450
- (e) 250

Q10.  $(?)^{\frac{3}{2}} = 255.98 \times (2)^{7.99} \div (8)^{4.99} \times 32.01$

- (a) 4
- (b) 256
- (c) 64
- (d) 1024
- (e) 16

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q11.  $3027.89 + 671.93 - 39.87\% \text{ of } ? + (9.98)^3 = (59.87)^2 - \sqrt{9999.98}$

- (a) 4000
- (b) 3500
- (c) 2000
- (d) 2500
- (e) 3000

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q12.  $\frac{127.5+?}{7.98} + 24.89 \times 39.87 - \sqrt{255.93} = (31.89)^2$

- (a) 172.5
- (b) 192.5
- (c) 202.5
- (d) 162.5
- (e) 152.5

L1Difficulty 3

QTags Approximation

QCreator AYUSH PANDEY

Q13.  $\sqrt{1224.96} + \sqrt{2024.93} + \sqrt{3024.97} - \sqrt{99.87} = (?)^3$

- (a) 1
- (b) 3
- (c) 5
- (d) 7
- (e) 9

Q14.  $\sqrt{1220} \times 16.06 + \sqrt{4897} = ?$

- (a) 610
- (b) 620
- (c) 630
- (d) 640
- (e) 650

L1Difficulty 3

QTags Approximation

Q15.  $34.96 \times 39.89 + \sqrt{960.89} - \sqrt{(28.96)^2} - 49.96\% \text{ of } ? = (22.87)^2$

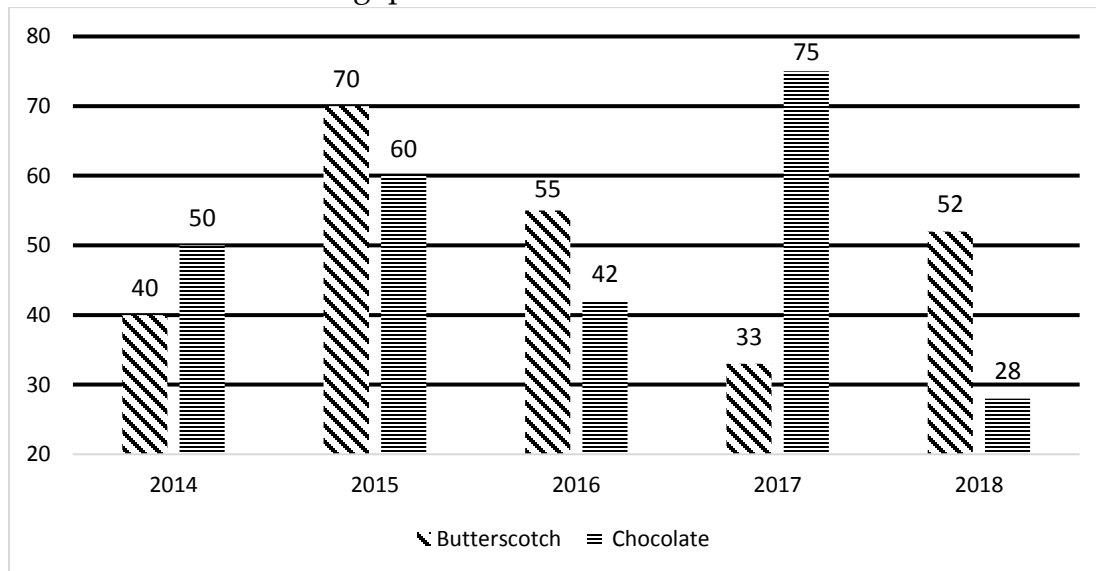
- (a) 1746
- (b) 1748
- (c) 1736
- (d) 1756
- (e) 1754

L1Difficulty 3

QTags Approximation

### Quiz - 6

**Directions (1-5):** The bar graph given below shows the production of two flavored (drinks butterscotch and chocolate) (in thousands) by a company over last five years. Study the data carefully and answer the following questions.



Q1. Find the ratio of average production of butterscotch drinks in year 2014, 2015 and 2016 to average production of chocolate drinks in year 2016 and 2018 ?

- (a) 3 : 2
- (b) 8 : 5
- (c) 4 : 3
- (d) 9 : 7
- (e) 11 : 7

Q2. Average production of butterscotch drinks in 2014 and 2018 is how much more than the average production of chocolate drinks in 2015 and 2018?

- (a) 2000
- (b) 3000
- (c) 7000
- (d) 5000
- (e) 4000

Q3. The total productions of butterscotch drinks in 2016 and 2018 together are what percent more/less than the total productions of chocolate drinks in 2014 and 2017 together?

- (a)  $12\frac{1}{5}\%$
- (b)  $11\frac{1}{5}\%$
- (c)  $14\frac{2}{5}\%$
- (d)  $10\frac{1}{5}\%$
- (e)  $8\frac{1}{5}\%$

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q4. Butterscotch drinks in 2015 are what percent more/less than the average productions of butterscotch drinks over last five years?

- (a) 30%
- (b) 40%
- (c) 50%
- (d) 60%
- (e) 25%

L1Difficulty 3

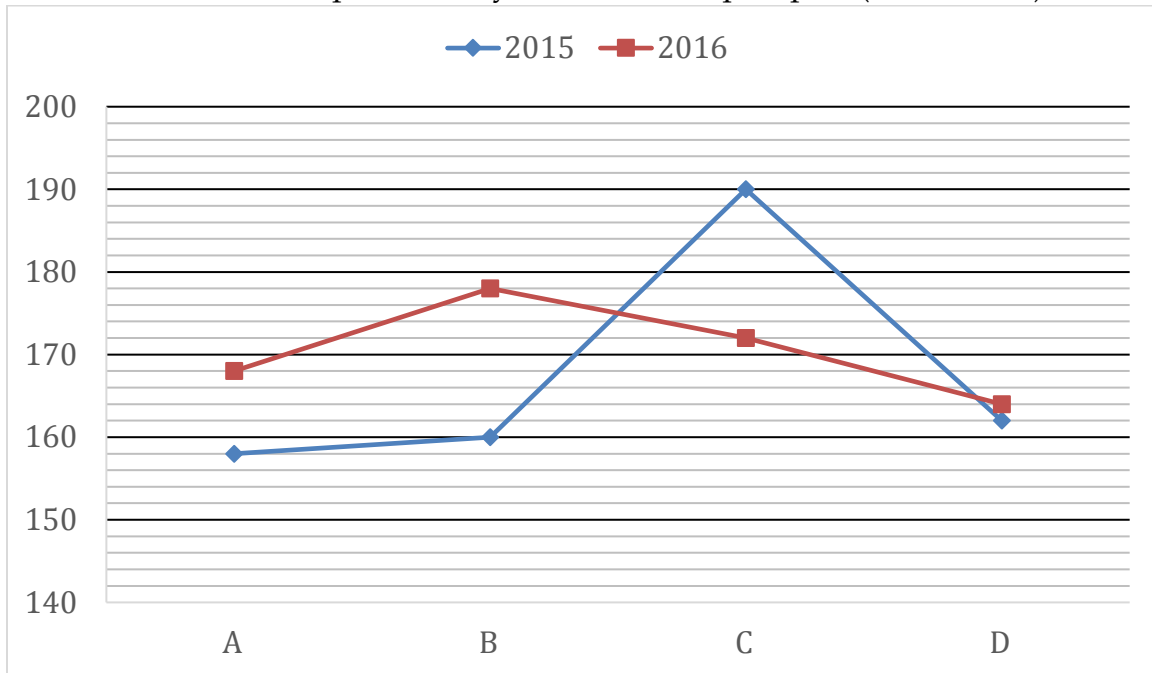
QTags Bar Graph DI

QCreator AYUSH PANDEY

Q5. In which year, the production of butterscotch drinks as compared to the production of chocolate drinks was maximum?

- (a) 2018
- (b) 2015
- (c) 2016
- (d) 2017
- (e) 2014

**Directions (6-10):** Study the line graph given below and answer the following questions.  
Line graph shows the number of pens sold by 4 different shopkeepers (A, B, C & D) in 2015 and 2016.



Q6. Find average number of pens sold by C & D in both the years.

- (a) 354
- (b) 344
- (c) 352
- (d) 342
- (e) 337

Q7. Find ratio of pens sold by B & C together in 2015 to pens sold by B & C together in 2016.

- (a) 1 : 1
- (b) 2 : 3
- (c) 8 : 9
- (d) 5 : 6
- (e) 5 : 4

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q8. Number of pens sold by A & C together in 2016 are what percent more than those sold by B in 2015?

- (a)  $116\frac{2}{3}\%$
- (b) 110%
- (c) 125%
- (d) 112.5%
- (e) 120%

Q9. Number of pens sold by A, C & D together in 2015 are how much more or less than pens sold by these shopkeepers together in 2016?

- (a) 4
- (b) 6
- (c) 8
- (d) 12
- (e) 9

QCreator AYUSH PANDEY

Q10. Find the total number of pens sold by all shopkeepers in 2016?

- (a) 672
- (b) 674
- (c) 682
- (d) 688
- (e) 692

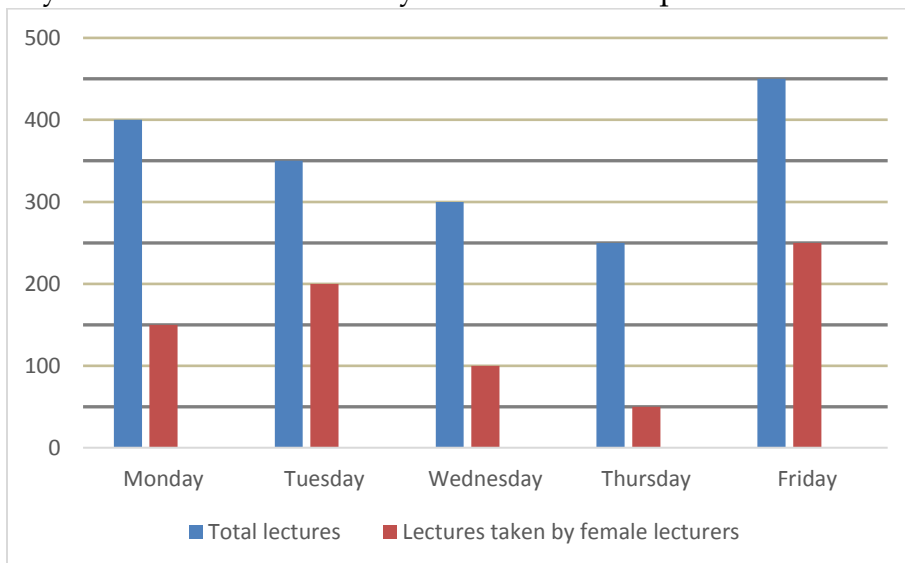
L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q(46 - 50) SBI clerk pre 4 (2020)

**Direction (11 - 15):** Bar graph given below shows total number of lectures conducted in 'IIM Lucknow' in five different days and total number of lectures taken by female lecturers in these five days. Read the data carefully and answer the questions.



Q11. Total lectures taken by male lecturers in Friday is what percent more than total lectures taken by male lecturers in Tuesday ?

- (a)  $30\frac{1}{3}\%$
- (b)  $33\frac{1}{3}\%$
- (c)  $37\frac{1}{2}\%$
- (d) 30%
- (e) 40%

Q12. Find the ratio of total lectures taken by female lecturers in Wednesday to total lectures taken by male lecturers in Monday?

- (a) 3 : 4
- (b) 3 : 5
- (c) 2 : 7
- (d) 2 : 5
- (e) 2 : 3

L1Difficulty 2

Q13. If 40% of the total lectures taken by male lecturers on Thursday is taken by male having age above than 50 years, then find difference between total lectures taken by male lecturers having age below 50 years and total lectures taken by female lecturers in that day?

- (a) 90
- (b) 80
- (c) 50
- (d) 60
- (e) 70

L1Difficulty 2

QTags Bar Graph DI

QCreator AYUSH PANDEY

S14. Find average number of lectures taken by male lecturers in Monday, Tuesday and Friday?

- (a) 200
- (b) 150
- (c) 300
- (d) 250
- (e) 100

Q15. Total lectures taken by male lecturers in Wednesday is what percent of total lectures taken by male lecturers in Monday?

- (a) 90%
- (b) 85%
- (c) 80%
- (d) 60%
- (e) 50%

### Quiz - 7

**Directions (1-5):** What will come in the place of question mark (?) in the following number series:

Q1. ?, 5, 20, 120, 960, 9600

- (a) 2
- (b) 2.5
- (c) 5
- (d) 3
- (e) 1

Q2. 20, ?, 32, 44, 60, 80

- (a) 26
- (b) 28
- (c) 25
- (d) 24
- (e) 22

Q3. 0, 8, 24, 48, ?, 120

- (a) 75
- (b) 84
- (c) 82
- (d) 80
- (e) 85

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q4. ?, 6, 4, 6, 22, 174

- (a) 16
- (b) 10
- (c) 12
- (d) 15
- (e) 9

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q5. 55, 63, 76, 95, 121, ?

- (a) 159
- (b) 155
- (c) 157
- (d) 163
- (e) 160

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q6. 6400, ?, 50, 12.5, 6.25, 6.25

- (a) 365
- (b) 400
- (c) 375
- (d) 380
- (e) 360

Q7. ?, 8, 23, 68, 203, 608

- (a) 4
- (b) 5
- (c) 2
- (d) 3
- (e) 8

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q8. 115, 119, 128, 153, ?, 323

- (a) 202
- (b) 200
- (c) 206
- (d) 205
- (e) 208

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q9. 243, 258, 276, 297, 321, ?

- (a) 340
- (b) 338
- (c) 348
- (d) 337
- (e) 345

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q10. 59, 64, 74, 91, 117, ?

- (a) 160
- (b) 154
- (c) 150
- (d) 170
- (e) 190

Q11. 26, 39, 50, 63, ?, 87

- (a) 75
- (b) 78
- (c) 72
- (d) 74
- (e) 76



Q12. 12, ?, 8, 17, 69, 553

- (a) 6.5
- (b) 7
- (c) 6
- (d) 5
- (e) None of these

Q13. 24, 48, 96, 176, 296, ?

- (a) 464
- (b) 476
- (c) 496
- (d) 456
- (e) 446

Q14. 63, 215, 511, ?, 1727, 2743

- (a) None of these
- (b) 999
- (c) 728
- (d) 342
- (e) 1330

Q15. 16, 85, 344, ?, 2072, 2073

- (a) 1032
- (b) 1033
- (c) 1037
- (d) 1042
- (e) 1035

### Quiz - 8

**Direction (1-5):** Read the given information carefully and answers the following questions.

There are three companies A, B & C. The average number of employees in B & C is 360 whereas the average of employees in A & C is 305. Average of employees of A & B is 325. Ratio of male to female employees in A is 5:4 and in B, male is 10% less than female. Ratio of male in B to that of in C is 9:8.

Q1. Total male in A & B together is how much more or less than total employees in C?

- (a) 50
- (b) 40
- (c) 10
- (d) 20
- (e) 30

Q2. Total employees in A is what percent more or less than total female employees in A & C together?

- (a) 10%
- (b) 15%
- (c) 12.5%
- (d) 20%
- (e) 25 %

Q3. Average number of male & female employees in B is what percent of the male employees in C?

- (a) 112.5%
- (b) 117.75%
- (c) 122.5%
- (d) 115%
- (e) 118.75%

L1Difficulty 2

QTags Caselet

QCreator AYUSH PANDEY

Q4. Find ratio of total number of male employees in B & C together to the total number of female employees in A & B together?

- (a) 15:14
- (b) 19:16
- (c) 19: 17
- (d)17: 16
- (e) 11: 9

Q5. 60% & 80% of the male & female employees respectively in A have done their masters then find percentage of employees in A who have done their masters?

- (a)  $65\frac{5}{9}\%$
- (b)  $68\frac{8}{9}\%$
- (c)  $66\frac{2}{3}\%$
- (d)  $67\frac{2}{9}\%$
- (e)  $67\frac{7}{9}\%$

**Directions (6-10): Read the given information carefully and answer the following questions.**

In Gurgaon, there are only two religions i.e Hindu & Muslims are found. The ratio of population of Hindu to that of Muslim is 3 : 2. In Gurgaon, ratio of males to females is 11 : 9 and in Muslims, number of male is  $66\frac{2}{3}\%$  more than that of female. In Hindu, the number of male is equal to the number of female. The total number of female in Muslim is 2400.

Q6. What percentage of the total population of Gurgaon are Hindu male population?

- (a) 20%
- (b) 30%
- (c) 25%
- (d) 27.5%
- (e) 22.5%

Q7. Find the difference between male population and female population in Gurgaon?

- (a) 1600
- (b) 1800
- (c) 1500
- (d) 1200
- (e) 2000

Q8. 30% of the total population in Gurgaon are not eligible to cast the votes and 40% of the Hindu are also not eligible to cast the votes then find the population of Muslim which are eligible to cast the votes?

- (a) 5680
- (b) 5270
- (c) 5040
- (d) 5440
- (e) 5380

Q9. Population of Muslim female are what percent of the total Hindu population?

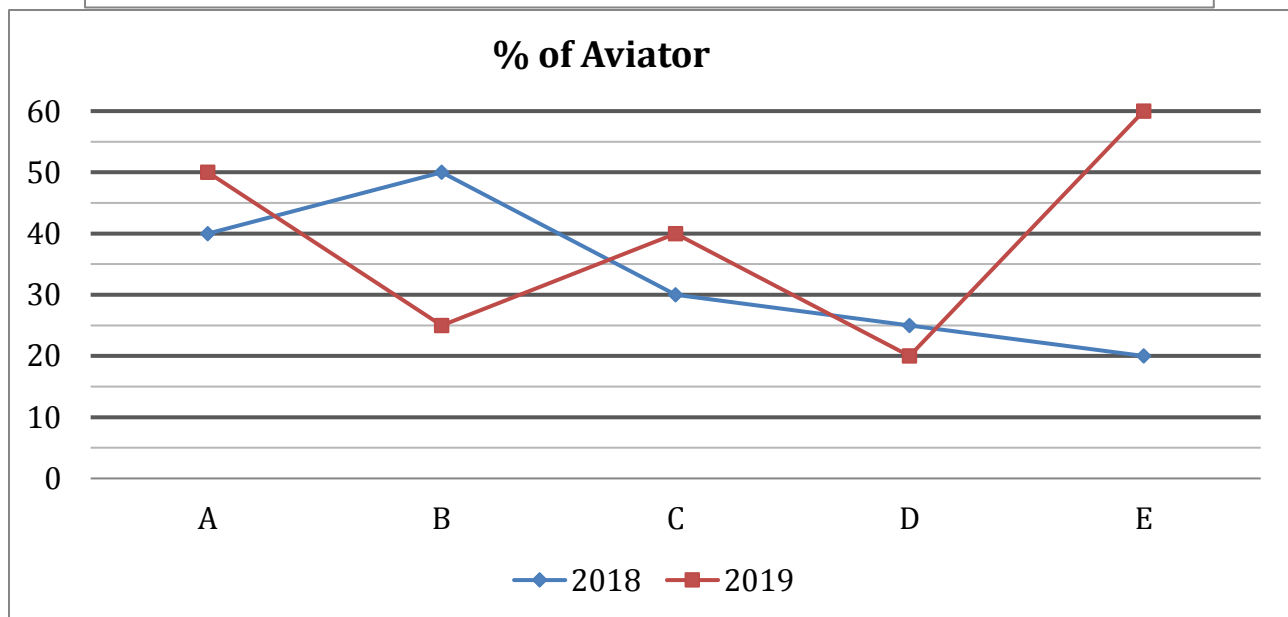
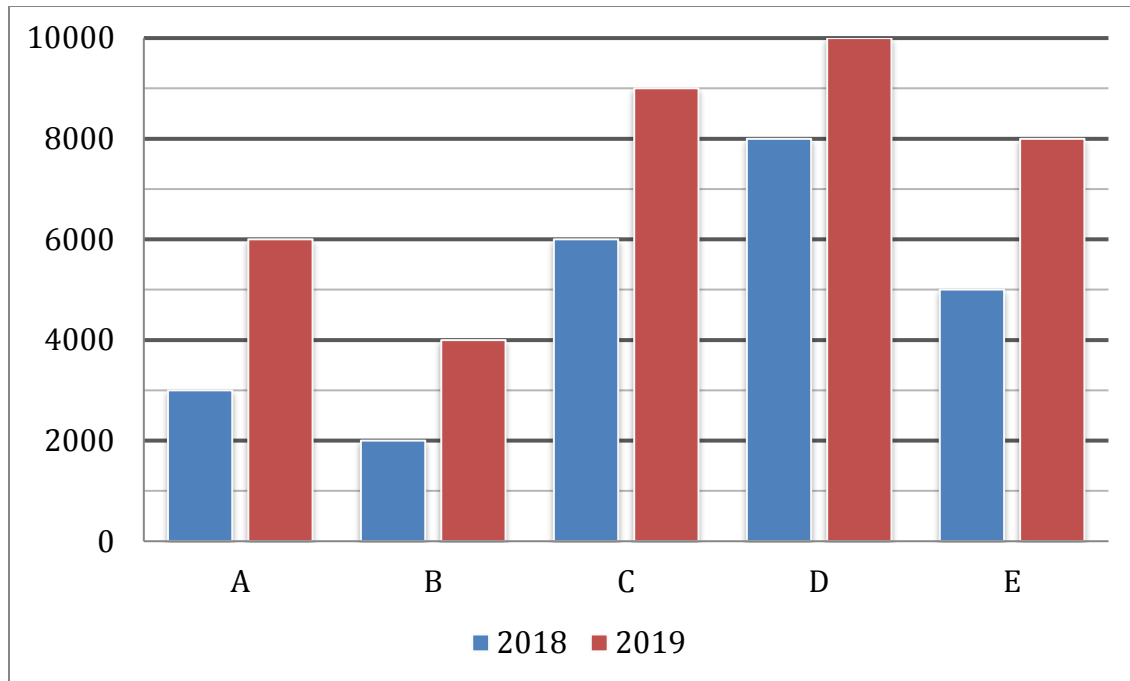
- (a) 20%
- (b) 17.5%
- (c) 25%
- (d) 30%
- (e) 27.5%

Q10. If 80% of the total population of Gurgaon have domicile and ratio of Hindu population to Muslim population having domicile is 17:15 then find the difference between Hindu population and Muslim population who do not have domicile?

- (a) 2000
- (b) 2400
- (c) 2600
- (d) 2800
- (e) 3200

**Directions (11-15):** Study the charts given below and answer the following questions.

Bar chart shows the total number of Activa & Aviator together in 5 different cities (A, B, C, D & E) in 2018 & 2019 and line chart shows percentage of Aviator in these cities in 2018 & 2019.



Q11. Number of Activa in A & B together in 2019 is what percent of number of Activa in D & E together in 2018?

- (a) 20%
- (b) 50%
- (c) 60%
- (d) 90%
- (e) 80%

Q12. Find average number of aviators in C, D & E in 2018 is how much more or less than average number of aviators in A & D in 2019.

- (a) 1600
- (b) 900
- (c) 1500
- (d) 1000
- (e) 400

Q13. Find number of Activa in A, B & C together in 2018.

- (a) 4000
- (b) 8000
- (c) 5000
- (d) 6000
- (e) 7000

L1Difficulty 2

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q14. Number of Avaitor in C & E together in 2019 is what percent more or less than number of Activa in D & E together in 2019?

- (a) 50%
- (b) 35%
- (c) 75%
- (d) 25%
- (e) 60%

Q15. Find number of Aviator in A & B together in 2018.

- (a) 2200
- (b) 3500
- (c) 4200
- (d) 3600
- (e) 4000

L1Difficulty 2

QTags Miscellaneous DI

QCreator AYUSH PANDEY

### Quiz - 9

**Direction (1 - 15):** Find the wrong number in following number series:

Q1. 12, 28, 60, 124, 252, 506, 1020

- (a) 506
- (b) 12
- (c) 28
- (d) 60
- (e) 124

Q2. 5, 18, 34, 54, 79, 110, 158

- (a) 34
- (b) 5
- (c) 18
- (d) 54
- (e) 158

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q3. 8, 48, 240, 960, 2400, 5760, 5760

- (a) 8
- (b) 48
- (c) 960
- (d) 2400
- (e) 5760

Q4. 64, 58, 66, 62, 68, 64, 70

- (a) 64
- (b) 58
- (c) 62
- (d) 70
- (e) 66

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q5. 64, 56, 65, 49, 74, 38, 87

- (a) 87
- (b) 64
- (c) 38
- (d) 56
- (e) 49

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q6. 12, 39, 63, 90, 104, 141, 165

- (a) 104
- (b) 39
- (c) 90
- (d) 141
- (e) 165

Q7. 13, 40, 56, 181, 217, 562, 624

- (a) 13
- (b) 40
- (c) 181
- (d) 562
- (e) 217

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q8. 112, 128, 108, 132, 104, 134, 100

- (a) 112
- (b) 128
- (c) 134
- (d) 108
- (e) 100

Q9. 120, 145, 168, 197, 224, 255, 288

- (a) 288
- (b) 197
- (c) 145
- (d) 255
- (e) 120

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q10. 5, 6, 14, 45, 184, 920, 5556

- (a) 5
- (b) 6
- (c) 14
- (d) 920
- (e) 45

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q11. 10, 22, 35, 50, 68, 92, 117

- (a) 92
- (b) 117
- (c) 10
- (d) 22
- (e) 35

Q12. 17, 32, 52, 77, 107, 144, 182

- (a) 17
- (b) 144
- (c) 52
- (d) 182
- (e) 107

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q13. 210, 35, 180, 36, 144, 48, 96

- (a) 48
- (b) 36
- (c) 210
- (d) 35
- (e) 180

L1Difficulty 2

Q14. 12, 14, 30, 92, 370, 1852, 11116

- (a) 14
- (b) 11116
- (c) 92
- (d) 30
- (e) 370

L1Difficulty 3

QTags Wrong Series

QCreator AYUSH PANDEY

Q15. 5, 230, 426, 595, 741, 860, 960

- (a) 5
- (b) 741
- (c) 230
- (d) 860
- (e) 960

### Quiz - 10

**Directions (1-5): Find the approximate value of question marks (?) in following questions?**

Q1.  $64.98\%$  of  $360.01 - ?\%$  of  $249.99 = 138.923$

- (a) 45
- (b) 38
- (c) 52
- (d) 32
- (e) 25

TEST SERIES

Bilingual



SBI CLERK 2021

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Q2.  $\sqrt{911.95 \div 24.11 + 184.01 - 52.937} = ?$

- (a) 13
- (b) 17
- (c) 15
- (d)  $(17)^2$
- (e) 169

Q3.  $(14.9)^2 - (5.01)^3 + \sqrt{1520.98} + 8.933 \times 13.011 = (?)^2$

- (a) 12
- (b) 14
- (c) 16
- (d) 18
- (e) 26

Q4.  $(3749.98 - ?) \div 55.012 = 22.991$

- (a) 2465
- (b) 2445
- (c) 2495
- (d) 2475
- (e) 2485

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY

Q5.  $(3416.023 \div 55.991) - (1133.96 \div ?) = 18.989$

- (a) 13
- (b) 17
- (c) 23
- (d) 27
- (e) 37

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY

**Direction (6-10):** The given table shows the data related to five students and the total number of movies watched by them during a period of ten years.

Total number of movies = Number of Hollywood movies + Number of Bollywood movies.

Students	Total number of movies watched	Ratio of Hollywood to Bollywood movies
A	350	4 : 3
B	400	11 : 9
C	250	3 : 7
D	200	13 : 12
E	375	16 : 9

Q6. What is average number of Bollywood movies watched by students A, B and D together?

- (a) 132
- (b) 138
- (c) 142
- (d) 144
- (e) 146

Q7. The total number of Hollywood movies watched by student E is what percent more/less than the total number of movies watched by student B?

- (a) 40%
- (b) 45%
- (c) 35%
- (d) 30%
- (e) 50%

L1Difficulty 2

Q8. The total number of Hollywood movies watched by students C and B together is how much more/less than the total number of Bollywood movies watched by student D & E together?

- (a) 54
- (b) 74
- (c) 60
- (d) 64
- (e) 70

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q9. Find the ratio of total number of movies watched by student C & D together to the number of Bollywood movies watched by B, C and E together?

- (a) 49 : 45
- (b) 45 : 49
- (c) 90 : 97
- (d) 10 : 11
- (e) 9 : 11

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q10. The average of total number of movies watched by B and D is what percent of the average of total number of movies watched by A and C.

- (a) 125%
- (b) 75%
- (c) 80%
- (d) 120%
- (e) 100%

Q11. If the present population of a city is 55,566, which was 35000 2 years ago, then find the rate of increase of population per year.

- (a) 24%
- (b) 25%
- (c) 23%
- (d) 26%
- (e) 22%

Q12. Roni purchased a cycle for Rs. 12000 and sold it at a loss of 20% with that amount he purchased another cycle and sold it at 30% profit. What was his overall gain/loss?

- (a) 720 loss
- (b) 480 loss
- (c) 480 profit
- (d) 720 profit
- (e) No profit no loss

Q13. On a sum Sima earn a interest of Rs. 1519 at S.I. in 7 years at 7% p.a. Find the sum.

- (a) 3100 Rs.
- (b) 3000 Rs.
- (c) 2800 Rs.
- (d) 3200 Rs.
- (e) 3500 Rs.

L1Difficulty 2

Q14. A certain amount was to be distribute between X, Y and Z in the ratio of 1 : 2 : 3 respectively. At the time of distribution amount distributed wrong in the ratio of 5 : 4 : 6 due to which X got 305 Rs. more. Find the actual amount get by Z.

- (a) 915 Rs.
- (b) 477 Rs.
- (c) 610 Rs.
- (d) 183 Rs.
- (e) 732 Rs.

L1Difficulty 2

QTags Ratio And Proportion

QCreator AYUSH PANDEY

Q15. Mahendra is 12 year younger than Niraj. Niraj's age 3 years ago was three times the present age of Bhavya. At present Mahendra's age is twice the age of Bhavya. What is the present age of Niraj.

- (a) 18
- (b) 30
- (c) 27
- (d) 9
- (e) 15

L1Difficulty 2

QTags Ages

## Quiz - 11

**Directions (1-5):** In the following questions there are two equations given. You have to solve both the equations and give answer:

- (a) if  $x > y$
- (b) if  $x < y$
- (c) if  $x \geq y$
- (d) if  $x \leq y$
- (e) if  $x = y$  or relation between  $x$  and  $y$  cannot be established

Q1. I.  $x^2 + 9x - 22 = 0$

II.  $2y^2 - 7y + 6 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

Q2. I.  $2y^2 - 13y - 34 = 0$

II.  $3x^2 - 11x - 20 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q3. I.  $x^4 = 256$

II.  $y^2 - 16y + 64 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q4. I.  $x^2 + 4x - 12 = 0$

II.  $2y^2 + 7y + 6 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q5. I.  $2x + 3y = 4$

II.  $4x + 5y = 6$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

**Directions (6- 10):** In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer

- (a) if  $x > y$
- (b) if  $x \geq y$
- (c) if  $x < y$
- (d) if  $x \leq y$
- (e) if  $x = y$  or no relation can be established between  $x$  and  $y$ .

Q6. I.  $x^4 = 256$

II.  $y = \sqrt[3]{64}$

Q7. I.  $x^2 + 23x + 132 = 0$

II.  $y^2 + 17y + 66 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q8. I.  $x^2 - 13x + 42 = 0$

II.  $y^2 - 15y + 56 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

Q9. I.  $x^2 = 121$

II.  $y^2 + 2y - 143 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q10. I.  $x^2 - 20x + 96 = 0$

II.  $y^2 - 28y + 192 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

**Directions (11-15):** In each of the following questions two equations are given. Solve these equations and give answer:

(a) if  $x \geq y$

(b) if  $x > y$

(c) if  $x \leq y$

(d) if  $x < y$

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

Q11. I.  $x^2 + 12x + 35 = 0$

II.  $y^2 + 9y + 20 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q12. I.  $x^2 - 15x + 54 = 0$

II.  $y^2 - 23y + 132 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q13. I.  $6x^2 + 5x + 1 = 0$

II.  $15y^2 + 11y + 2 = 0$

Q14.I.  $x^2 - 3x - 28 = 0$

II.  $y^2 - y - 12 = 0$

L1Difficulty 2

Q15. I.  $x^2 - 2x - 3 = 0$

II.  $y^2 + 5y + 6 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

### Quiz - 12

**Directions (1-4):** What should come in place of question mark (?) in the following questions?

Q1.  $80\% \text{ of } 350 + 45\% \text{ of } 800 = ? \times 256$

(a) 1.75

(b) 2

(c) 2.25

(d) 2.5

(e) 3

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q2.  $115\% \text{ of } 360 + 180\% \text{ of } 270 = ? \times 225$

(a) 4.5

(b) 3

(c) 3.25

(d) 3.5

(e) 4

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q3.  $9^? \times 729 = 3^4 \times 9^6 \div 81$

(a) 2

(b) 3

(c) 4

(d) 5

(e) 6

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q4.  $5\frac{1}{4} + 7\frac{1}{3} + 4\frac{1}{2} = 3\frac{1}{6} + ? + 5\frac{1}{6}$

(a)  $8\frac{2}{3}$

(b)  $8\frac{1}{4}$

(c)  $8\frac{1}{2}$

(d)  $8\frac{3}{4}$

(e)  $9\frac{3}{4}$

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

**Directions (5-8):** Find the wrong number in the gives series.

Q5. 3, 5, 14, 48, 200, 1020, 6072

(a) 1020

(b) 200

(c) 6072

(d) 5

(e) 48

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q6. 48, 84, 156, 300, 590, 1164, 2316

(a) 300

(b) 590

(c) 48

(d) 156

(e) 2316

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q7. -18, -8, 12, 36, 70, 112, 162

(a) -18

(b) 36

(c) 70

(d) 162

(e) 12

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q8. 2, 6, 12, 24, 30, 42, 56.

- (a) 6
- (b) 12
- (c) 24
- (d) 30
- (e) 56

**Directions (9-12):** What will come in the place of the question mark (?) in the following number series?

Q9. 2, 4, 10, 22, 42, ?

- (a) 67
- (b) 70
- (c) 72
- (d) 75
- (e) 78

Q10. 8, 4, 6, 15, ?, 236.25

- (a) 46.5
- (b) 48.5
- (c) 50.5
- (d) 52.5
- (e) 54.5

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q11. 15, 34, 72, 148, ?, 604

- (a) 300
- (b) 290
- (c) 295
- (d) 280
- (e) 285

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q12. 25, 30, 20, 40, ?, 80

- (a) 40
- (b) 20
- (c) 10
- (d) 0
- (e) 60



**Directions (13-16) :-** What approximate value should come in place of question mark (?) in following questions.

Q13.  $3599 \div 20 + 110 \times 24.9 + 418 = ?$

- (a) 3400
- (b) 3350
- (c) 3200
- (d) 3300
- (e) 3250

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY

Q14.  $25 \times 12.9 + \sqrt{399} + 1145 = ?$

- (a) 1550
- (b) 1600
- (c) 1490
- (d) 1400
- (e) 1300

Q15.  $3453.9 + 6119.8 + 1729.9 = ?$

- (a) 11360
- (b) 11310
- (c) 11500
- (d) 11250
- (e) None of these

L1Difficulty 2

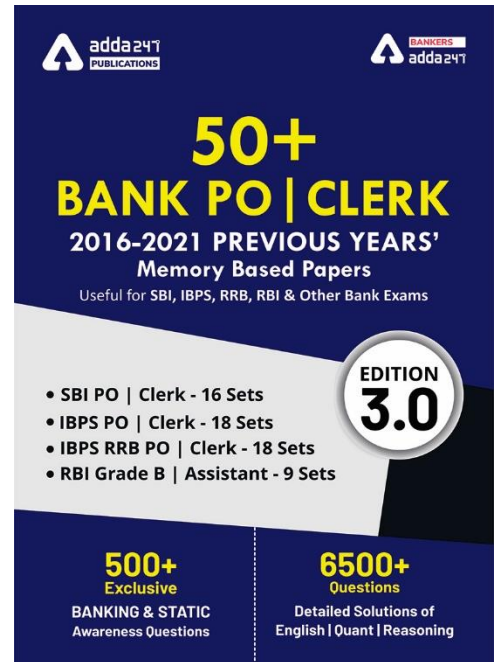
QTags Approximation

Q16.  $140 \times 12.9 - 442 \div 22 + 979 = ?$

- (a) 2830
- (b) 2710
- (c) 2850
- (d) 2680
- (e) 2780

**Directions (17-20):** In each of the following questions two equations (I) and (II) are given, you have to solve both the equation and give answer.

- (a) if  $x < y$
- (b) if  $x \leq y$
- (c) if  $x > y$
- (d) if  $x \geq y$
- (e) if  $x = y$  or no relationship can be obtained between  $x$  and  $y$ .



Q17. (I)  $x^2 - 14x + 48 = 0$

(II)  $y^2 - 18y + 80 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q18. (I)  $x^3 + 328 = 2525$

(II)  $y^3 + 349 = 1680$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q19. (I)  $x^2 - 19x + 88 = 0$

(II)  $y^2 - 21y + 108 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q20. (I)  $x^3 = 1728$

(II)  $y^2 = 144$

### Quiz - 13

Q1. If average of five consecutive odd numbers is 33, then the least odd number is:

(a) 27

(b) 31

(c) 29

(d) 23

(e) 33

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

Q41, RRB CLERK PRE 11 (2018)

Q2. The average weight of boys in a class of total strength 50 is 40 kg while average weight of girls is 35 kg. Find number of girls in class if average weight of class is 38 kg.

(a) 10

(b) 30

(c) 20

(d) 40

(e) 15

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

Q47, RRB CLERK PRE 11 (2018)

Q3. Three year ago, the average age of five employee of a company was 54 yrs. The present average age is 52 yr after the inclusion of a new employee entered. Find the age of the new employee?

- (a) 18 yr
- (b) 25 yr
- (c) 20 yr
- (d) 22 yr
- (e) 27 yr

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

**Q60, IBPS CLERK PRE 20 (2018)**

Q4. Average of four numbers is increased by 1 when a number is replaced by x and average of that four number is decreased by 1 when another number is replaced with x. What is the difference of the both numbers?

- (a) 6
- (b) 8
- (c) 16
- (d) 4
- (e) Cannot be determined

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

**Q69, IBPS CLERK PRE 19 (2018)**

Q5. 3 years ago, Average age of father and his son was 36 year. Present age of mother is 3 years less than twice of the age of son and ratio of mother's age 3 years later to the father's age 4 years ago is 24 : 25. Then, find the present average age of family ?

- (a) 39 years
- (b) 44 years
- (c) 36 years
- (d) 41 years
- (e) 43 years

L1Difficulty 3

QTags Average

QCreator AYUSH PANDEY

**Q37, IBPS CLERK PRE 1 (2018)**

Q6. If 40% of  $(X + 2000) = 1300$  and 60% of  $(X + Y) = 1830$ . Find X : Y .

- (a) 5 : 8
- (b) 20 : 27
- (c) 8 : 13
- (d) 26 : 35
- (e) 25 : 36

L1Difficulty 2

Q7. If 40% of P is equal to 75% of Q then find 12P is what percent of 20Q?

- (a) 120%
- (b) 110%
- (c)  $107\frac{1}{2}\%$
- (d) 100%
- (e)  $112\frac{1}{2}\%$

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

**Q54 IBPS CLERK PRE 3 (2018)**

Q8. The price of petrol is increased by 25% by what percent should a car owner reduce the consumption of petrol so that his expenditure on petrol remains constant?

- (a) 18%
- (b) 16%
- (c) 15%
- (d) 20%
- (e) 14%

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

**Q46, IBPS CLERK PRE 7 (2018)**

Q9. A fraction is increased by 20% and after that numerator increases by 240% and denominator increased to 150% so that resultant becomes  $1\frac{1}{5}$ . What is the Original fraction.

- (a)  $\frac{5}{34}$
- (b)  $\frac{35}{34}$
- (c)  $\frac{25}{34}$
- (d)  $\frac{15}{34}$
- (e) None of these

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

**Q67, IBPS CLERK PRE 10 (2018)**

Q10. 20% of (X + 2500) is equal to the 40% of (X + 900). Then find 50% of X ?

- (a) 250
- (b) 350
- (c) None of these
- (d) 450
- (e) 150

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

Q11. The ratio of number of balls in bags x, y is 2 : 3. Five ball are taken from bag y and are dropped in bag x, number of balls are equal in each bag now. Number of balls in each bag now is

- (a) 45
- (b) 20
- (c) 30
- (d) 25
- (e) 35

L1Difficulty 3

QTags Ratio And Proportion

QCreator AYUSH PANDEY

**[SOURCE: IBPS RRB CLERK 2019 - 17 (Q48)]**

Q12. A and B earn in the ratio 2 : 1. They spend in the ratio 5 : 3 and save in the ratio 4 : 1. If the total monthly savings of both A and B are Rs. 5,000, the monthly income of B is

- (a) Rs. 7,000
- (b) Rs. 14,000
- (c) Rs. 5,000
- (d) Rs. 10,000
- (e) Rs. 12,000

L1Difficulty 3

QTags Ratio And Proportion

QCreator AYUSH PANDEY

**[SOURCE: IBPS RRB CLERK 2019 - 13 (Q55)]**

Q13. Ratio of two numbers is 5 : 7. If 30 is added in each number, the ratio becomes 3 : 4. Find the ratio of the number if 10 is subtracted from each number.

- (a) 5 : 8
- (b) 8 : 11
- (c) 7 : 10
- (d) 6 : 11
- (e) 7 : 9

L1Difficulty 3

QTags Ratio And Proportion

QCreator AYUSH PANDEY

**[SOURCE: IBPS RRB CLERK 2019 - 15 (Q62)]**

Q14. Two numbers A and B are in ratio 11 : 19, when 19 is added to A and 11 is added to B the ratio becomes 2 : 3, Find value of (20 + B)?

- (a) 154
- (b) 144
- (c) 164
- (d) 133
- (e) 153

L1Difficulty 3

Q15. Ratio of income of A to that of B is 5:9. If expenditure of A is  $\frac{3}{8}$ th of his income and expenditure of B is  $\frac{4}{9}$ th of his income and sum of their saving is Rs 1950 then find the difference between their income?

- (a) Rs 900
- (b) Rs 1000
- (c) Rs 880
- (d) Rs 960
- (e) Rs 920

### Quiz - 14

Q1. The age of Abhishek is  $\frac{3}{4}$ th of the age of Ayush. The age of Ayush is 11 years more than the average age of his two sons whose total age is 50 years. Then find the difference of age of Abhishek and Ayush ?

- (a) 14 years
- (b) 6 years
- (c) 12 years
- (d) 8 years
- (e) 9 years

Q2. Sum of 4 consecutive even numbers are 94 more than the sum of 3 consecutive odd numbers and if average of largest even no. & smallest odd no. is 42. Then find the 2<sup>nd</sup> lowest even no.?

- (a) 32
- (b) 42
- (c) 36
- (d) 46
- (e) 48

L1Difficulty 2

QTags Number System

QCreator AYUSH PANDEY

Q3. Average present age of Ritu and Priya is 22. After 8 years, ratio b/w priya's age to ritu's age is 7 : 8, then find the ratio of Ritu's age to priya's age two years ago.

- (a) 12 : 11
- (b) 11 : 9
- (c) 8 : 7
- (d) 9 : 7
- (e) 13 : 11

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

Q50. FCI ASSITANT PRE 4 (2019)

Q4. Average age of Kapil and Renu is 11 years and 6 months. After 3 years Renu is replaced with Laxmi and average age of Laxmi and Kapil becomes 16 years 6 months. If age of Laxmi 2 years before was 14 years. Find age of Renu after 10 years.

- (a) 21 years
- (b) 23 years
- (c) 20 years
- (d) 22 years
- (e) 18 years

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

**Q50. FCI ASSISTANT PRE 4 (2019)**

Q5. Present age of father is 6 year more than twice of the present age of his son. Four years later, average age of father and son will be 34 years. Find ratio of present age of son to that of father?

- (a) 3:7
- (b) 2:1
- (c) 5:2
- (d) 11:6
- (e) 9:4

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

**Q44, FCI ASSISTANT PRE 7 (2019)**

Q6. 10 years ago, Lalit was 5 times older than Vikas and 20 years from now, Lalit would be 2 times of Vikas's age. Then find, what was the ratio of age of Vikas 5 years ago to that of Lalit 5 years ago?

- (a) 3 : 11
- (b) 4 : 11
- (c) 11 : 3
- (d) 1 : 11
- (e) None of these

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

Q7. Present average age of a couple is 29 years after 2 year and 4 year respectively a boy child and a girl child is born. Find the average age of family after 8 year of present time?

- (a) 18
- (b) 19
- (c) 20
- (d) 21
- (e) 22

Q8. 16 years hence, the age of Rashmi will be  $\frac{10}{13}$ th of the age of her friend Neha and 8 years ago, the ratio of their age (Rashmi : Neha) was 4 : 7. Present age of Neha is what percent more than the present age of Rashmi?

- (a) 50%
- (b) 40%
- (c) 60%
- (d) 45%
- (e) 75%

Q9. Ratio of present age of A, B, C and D is 6 : 8 : 11 : 15 . Sum of their ages 4 years before was 64 years then what is the difference of present age of B and D.

- (a) 8 years
- (b) 14 years
- (c) 4 years
- (d) 22 years
- (e) None of these

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

Q67, IBPS PO PRE 1 (2019)

Q10. If we add 4 to the numerator of the fraction and increases denominator by 50% then both become equal. And when the numerator is increased by 5 and denominator is doubled then it becomes equal to the original fraction. What will be two times of that fraction?

- (a)  $\frac{4}{5}$
- (b)  $\frac{3}{2}$
- (c)  $\frac{8}{5}$
- (d)  $\frac{5}{2}$
- (e)  $\frac{5}{3}$

L1Difficulty 3

QTags Fraction

QCreator AYUSH PANDEY

Q45, IBPS PO PRE 12 (2019)

Q11. A two -digit number get reversed when  $\left(\frac{1}{5}\right)$ th of it is added to it. Find the 40% of that no.

- (a) 32
- (b) 36
- (c) 20
- (d) 28
- (e) 18



Q12. 'S1' is a series of five consecutive odd number while 'S2' is a series of five consecutive even numbers. Average of S1 series is 50% more than average of S2 series and sum of smallest numbers of S1 and S2 series is 67, then find the largest number of S2 series

- (a) 49
- (b) 41
- (c) 36
- (d) 34
- (e) 32

Q13. Amit's present age is 75% of Binny's present age where as present age of Chintu is  $\frac{5}{8}$ th of Binny's present age. If difference between difference of Chintu and Binny age and difference of Binny and Amit age is 6 years then find the average of their age two years later?

- (a) 44 years
- (b) 42 years
- (c) 36 years
- (d) 40 years
- (e) 38 years

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

IBPS PO PRE 2019-2(Q 42)

Q14. Ratio of age of Ravi to Vicky, 4 years ago was 5: 6, while ratio of present age of Rocky to that of Vicky is 5: 4. If 2 years later sum of age of Ravi and Rocky will be 63 years, then find the difference between present age of Ravi and Vicky?

- (a) 4 years
- (b) 2 years
- (c) 8 years
- (d) 6 years
- (e) 5 years

L1Difficulty 3

QTags Ages

QCreator AYUSH PANDEY

Q46, RRB PO PRE 9 (2018)

Q15. If the numerator of a fraction is increased by 150% and the denominator of the fraction is decreased by 25%, the resultant fraction is  $11\frac{1}{9}\%$  of 8. What is the original fraction?

- (a)  $\frac{2}{7}$
- (b)  $\frac{4}{15}$
- (c)  $\frac{2}{9}$
- (d)  $\frac{4}{17}$
- (e)  $\frac{5}{18}$

## Quiz - 15

Q1. A and B entered into a partnership. They invested for same period of time and B got Rs 5250 as his share in profit. If ratio between total investment of A and B together to total profit is 28 : 15, then find B's investment

- (a) Rs. 9100
- (b) Rs. 9800
- (c) Rs. 8400
- (d) Rs. 11200
- (e) Rs. 12600

Q2. Anurag and Roshan started a business with capital Rs. 12,000 and Rs. 14000. After 6-month Roshan withdraws 25% of his investment. If the annual profit of business was Rs. 9,700 then find the profit share of Anurag.

- (a) Rs. 4,000
- (b) Rs. 3,200
- (c) Rs. 4,500
- (d) Rs. 4,800
- (e) Rs. 5,400

L1Difficulty 2

QTags Partnership

QCreator AYUSH PANDEY

**Q45, RRB CLERK PRE 15 (2018)**

Q3. A and B started a business with their initial investment of Rs. 45,000 and Rs. 60,000 respectively. After 4 months, A increased his sum by some amount and B decreased his sum by the same amount as A increased his sum. In this way, the ratio of their profit share becomes 1 : 1 after a year . Find the amount increased by A (or decreased by B) in their initial investment in rupees?

- (a) 12,150
- (b) 11,250
- (c) 10,250
- (d) 9,250
- (e) 12,250

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q4. There is 84 litre mixture of alcohol and water in the ratio of 3 : 4 respectively. Some water is added to the mixture & ratio of alcohol to water becomes 2 : 5. Find the added quantity of water (in litre).

- (a) 40
- (b) 32
- (c) 42
- (d) 36
- (e) 52

Q5. A container contains mixture of milk and water in ratio 3 : 2. If 4 liter of milk is added in it then ratio of milk to water becomes 2 : 1. Find the initial quantity of total mixture.

- (a) 20 liters
- (b) 24 liters
- (c) 15 liters
- (d) 40 liters
- (e) 36 liters

Q6. Two Jar contains mixture of milk and water. First jar contains 64% milk and second jar contains 26% water. In what ratio these two mixtures are mixed so that new mixture contains 68% milk.

- (a) 4 : 7
- (b) 6 : 5
- (c) 5 : 7
- (d) 3 : 2
- (e) 2 : 1

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

**Q47, RRB CLERK PRE 13 (2018)**

Q7. A container contains 60 l milk and 40 l water. How much quantity of water should be added in the container so that if shopkeeper sell the mixture of container at cost price of milk then he will earn 150% profit?

- (a) 80 l
- (b) 100 l
- (c) 30 l
- (d) 40 l
- (e) 50 l

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

**Q64, RRB CLERK PRE 12 (2018)**

Q8. A mixture of grapes Juice and alcohol in the ratio of 4 : 5 . When 18 litre alcohol is added to the mixture, the ratio of alcohol to grapes Juice become 9 : 4. Find the initial amount of grapes Juice.

- (a) 24 litre
- (b) 22 litre
- (c) 18 litre
- (d) 20 litre
- (e) 16 litre

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

**Q39, IBPS CLERK PRE 1 (2018)**

Q9. In a mixture of water and alcohol, ratio (water : alcohol) is 8 : 5. When 4 litres of water is added in the mixture, the ratio (alcohol : water) becomes 5 : 9. Find the quantity of initial mixture ?

- (a) 39 lit
- (b) 104 lit
- (c) 52 lit
- (d) 78 lit
- (e) 91 lit

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

Q36, IBPS CLERK PRE 2 (2018)

Q10. A mixture of 30 litres contains alcohol and water in ratio 3 : 7. How much alcohol must be added to this mixture so that the ratio of alcohol and water becomes 2 : 3 ?

- (a) 5 ltr.
- (b) 6ltr.
- (c) 7 ltr.
- (d) 4 ltr.
- (e) None of these

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

Q42, IBPS CLERK PRE 4 (2018)

Q11. Rahul invested for 2 more months than the time for which Karan invested in the same business. If Karan invested Rs.3500 for 10 months then find the money invested by Rahul, such that ratio of annual profit of Rahul to Karan is 9 : 7.

- (a) Rs. 4500
- (b) Rs. 4200
- (c) Rs. 4350
- (d) Rs. 3750
- (e) None of these

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q48, IBPS CLERK PRE 6 (2018)

Q12. Satish mixed 12 kg wheat of type A with 18 kg of wheat of type B. and sold the mixture at 20% above the price of type A wheat such that there is no profit obtained by Satish. Find ratio of price per kg of type A wheat to price per kg of type B wheat ?

- (a) None of these
- (b) 2 : 3
- (c) 3 : 4
- (d) 4 : 5
- (e) 4 : 3

Q13. X and Y started a business with Rs. 8000 and Rs. 5000 respectively. After some months, Y left the business. If at the end of a year, X share of profit is Rs.3000 out of total profit of Rs. 4250, then find after how many months 'Y' leave the business?

- (a) 6 months
- (b) 7 months
- (c) 8 months
- (d) 10 months
- (e) None of these

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q51, IBPS CLERK PRE 9 (2018)

Q14. In a business, total investment of P, Q and R is Rs. 74000. P invest Rs. 8000 more than Q and Q invest Rs. 6000 more than R. All three invested for same time. If total profit is Rs. 44,400 then find the profit share of Q?

- (a) Rs. 13,200
- (b) Rs. 14,400
- (c) Rs. 9,600
- (d) Rs. 36,000
- (e) Rs. 7,200

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q58, IBPS CLERK PRE 9 (2018)

Q15. A container contains 75 liters of milk from this container 15-liter milk taken out and replaced with water. This process is repeated one more time. Find the quantity of milk in container.

- (a) 36 liters
- (b) 45 liters
- (c) 27 liters
- (d) 48 liters
- (e) 32 liters

L1Difficulty 2

QTags Mixture and allegation

### Quiz - 16

Q1. Wages of 10 women for 5 days is Rs 1250. The daily wage of a man is twice that of a woman. How many men must work for 8 days to earn Rs 1600?

- (a) 5 men
- (b) 8 men
- (c) 4 men
- (d) 6 men
- (e) None of these

Q2. If 12 men with 13 boys can earn Rs. 4893.75 in 3 days and 5 men with 6 boys can earn Rs. 3562.50 in 5 days, in what time will 3 men with 4 boys earn Rs. 3150 ?

- (a) 8 days
- (b) 7 days
- (c) 10 days
- (d) 9 days
- (e) None of these

Q3. A is 25% more efficient than B. B takes 6 days more time to complete the work alone than A takes to complete the same work alone. If both works together then, in how many days same work will be completed.

- (a) 16 days
- (b)  $8\frac{2}{3}$  days
- (c)  $13\frac{1}{3}$  days
- (d) 21 days
- (e)  $16\frac{2}{3}$  days

Q4. A and B together can complete a work in X days. C whose efficiency is 20% more than A can complete the same work in 45 days and B's efficiency to complete the same work is 25% less than A. Find 'X'

- (a)  $30\frac{5}{7}$  days
- (b)  $30\frac{6}{7}$  days
- (c)  $28\frac{5}{7}$  days
- (d)  $30\frac{3}{7}$  days
- (e)  $28\frac{3}{7}$  days

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

**Q77, RRB CLERK PRE 11 (2018)**

Q5. If Priya and Monika working Separately can do a piece of work in 18 days and 30 days respectively. If they work in alternate days beginning with Priya, then the work will be completed in ?

- (a)  $10\frac{5}{9}$  days
- (b)  $22\frac{2}{5}$  days
- (c)  $9\frac{5}{9}$  days
- (d)  $12\frac{5}{9}$  days
- (e)  $8\frac{5}{9}$  days

Q6. A is 40% more efficient than B. If B takes 6 days more than A to complete a work alone then in how many days 'A' alone can complete the whole work.

- (a) 10 days
- (b) 15 days
- (c) 21 days
- (d) 24 days
- (e) 12 days

Q7. P, Q and R can do some work in 36 days. P and Q together do twice as much work as R alone and P and R together can do thrice as much work as Q alone. Find the time taken by R to do the same work.

- (a) 80 days
- (b) 72 days
- (c) 108 days
- (d) 96 days
- (e) 120 days

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

**Q67, RRB CLERK PRE 16 (2018)**

Q8. 5 men can do a work in 16 days and 8 women can do the same work in 15 days. In how many days 2 man and 3 women can do the work together?

- (a) 22 days
- (b) 20 days
- (c) 21 days
- (d) 18 days
- (e) 24 days

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

**Q48, RRB PO PRE 1 (2018)**

Q9. 'A' is 40% less efficient than 'B' who can do the same work in 20% less time than 'C'. If A and B together can complete 80% of work in 12 days, then in how many days 60% of work can be completed by B and C together.

- (a) 2 days
- (b) 4 days
- (c) 6 days
- (d) 8 days
- (e) 10 days

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

**Q44, RRB PO PRE 2 (2018)**

Q10. P and Q together can complete a work in 24 days, while Q and R working together can complete the same job in 32 days. P and Q start the work and did it for 8 days, after that P left the work and R joined Q and after 12 more days, Q also left the work. Then, the remaining work is completed by R in 28 days. Find in how many days R will complete the work alone?

- (a) 96 days
- (b) 72 days
- (c) 108 days
- (d) 90 days
- (e) 81 days

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

**Q61, RRB CLERK PRE 12 (2018)**

Q11. P and Q can do a work in 24 and 32 days respectively. They started working together and after working 4 days Q left the Job. P alone worked for next 4 days after that a third person R who can complete the whole work in 40 days alone joined P and both completed the remaining work together. Find for how many days R worked?

- (a)  $65/8$  days
- (b)  $63/8$  days
- (c)  $67/8$  days
- (d) 12 days
- (e) 14 days

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

Q12. An inlet pipe can fill a tank in 4 hours and an outlet can empty the same tank in 30 hours, working individually. How many minimum additional numbers of outlet pipes of the same capacity are required to be opened, so that the tank never overflows?

- (a) 6
- (b) 5
- (c) 8
- (d) 7
- (e) 9

Q13. Pipe A and Pipe B can fill a cistern together in 18 minutes. Pipe B is 50% more efficient than pipe A. Find the capacity of cistern, if it is given that pipe 'A' fills the cistern at speed of 6 litre/minute.

- (a) 150 l
- (b) 225 l
- (c) 240 l
- (d) 180 l
- (e) 270 l



Q14. Two pipes A and B can fill a cistern in 15 hours and 10 hours respectively. A tap can empty the full cistern in 30 hours. All the three taps were open for 2 hours, when it was remembered that the emptying tap had been left open. It was then closed. How many hours more would it take for the cistern to be filled ?

- (a) 4hr 30 min.
- (b) 4hr 12 min.
- (c) 4 hr24 min.
- (d) 4hr 35 min.
- (e) 4hr 36 min.

L1Difficulty 3

QTags Pipes And Cisterns

QCreator AYUSH PANDEY

**Q5, Work & wage and Pipe & cistren (test file) Lakshya batch**

Q15. Two taps A and B can fill a tank in 30 min and 36 min respectively. Both taps are opened together but due to some problem they work  $\frac{5}{6}$  and  $\frac{9}{10}$  of their efficiency. After 'x' minutes the problem was solved and the whole tank filled in  $16\frac{1}{2}$  min in total. Then, find the value of 'x'?

- (a) 0.5 minute
- (b) 1 minute
- (c) 1.5 minute
- (d) 2 minutes
- (e) 2.5 minutes

L1Difficulty 3

QTags Pipes And Cisterns

### Quiz - 17

Q1. A man invested Rs. 9600 in two equal parts on SI for T years and (T + 2) years at the rates of 12.5% p.a and 16% p.a respectively. If the man got a total interest of Rs. 4272, then find the value of T.

- (a) 1 years
- (b) 3 years
- (c) 1.5 years
- (d) 2.5 years
- (e) 2 years

L1Difficiulty 3

Q2. Veer invested Rs. P at the rate of 15% p.a and Rs. (P + 800) at the rate of 8.5% p.a. If veer gets a total simple Interest of Rs. 4836 after two years, then find the value of (P + 800).

- (a) 9600 Rs.
- (b) 10400 Rs.
- (c) 10800 Rs.
- (d) 11800 Rs.
- (e) 12600 Rs.

Q3. A man invested Rs. 8500 on SI at the rate of R% per annum. If ratio between rate of interest and time period is 4 : 1 and total interest received is Rs. 1360 then find the time for which the man invested his sum?

- (a) 1.5 years
- (b) 2.5 years
- (c) 3 years
- (d) 4 years
- (e) 2 years

L1Difficulty 3

QTags Simple Interest

QCreator AYUSH PANDEY

Q4. Mr. Adarsh invested certain principal sum on SI and got 34% more amount after four years. Find the rate for which Adarsh invested his sum?

- (a) 12.5 %
- (b) 8.5 %
- (c) 10 %
- (d) 8 %
- (e) 12%

L1Difficulty 3

QTags Simple Interest

QCreator AYUSH PANDEY

**SOURCE (6 - 8) Lakshya batch ultimate Simple interest test file**

Q5. Abhishek borrowed Rs. 12600 from Satish on SI at the rate of 15% per annum. If Abhishek paid back Rs. 6380 at the end of second year, find how much amount Abhishek will pay to Satish at the end of next two years?

- (a) 12800 Rs.
- (b) 10500 Rs.
- (c) 13000 Rs.
- (d) 13800 Rs.
- (e) 14600 Rs.

L1Difficulty 3

QTags Simple Interest

QCreator AYUSH PANDEY

Q6. Ritu invested Rs. 16200 at the rate of R% per annum on SI. If she got a total amount of Rs 25920 at the end of four years, then what amount will Ritu get after two years, if rate of interest increased by 5%?

- (a) 22800 Rs.
- (b) 22000 Rs.
- (c) 22680 Rs.
- (d) 24000 Rs.
- (e) 21500 Rs.

Q7. A man invested a sum in a scheme 'P' which offer 10% C.I.P.A. for 3 years and earn Rs. 1655. Find the interest earn by man, if he invested total amount he get from scheme 'P', in scheme Q which offer 8% S.I.P.A for 5 years.

- (a) Rs.4317
- (b) Rs.1655
- (c) Rs.1331
- (d) Rs.2662
- (e) Rs.2000

L1Difficulty 3

QTags Compound Interest

QCreator AYUSH PANDEY

**NIACL AO PRE 6 (Q40) 2019**

Q8. A sum becomes Rs. 4840 in two years and Rs. 5856.4 in four years when compounded annually. What would be the amount if same sum invested at 15% S.I. for 3 years (in Rs.) ?

- (a) 5600
- (b) 5000
- (c) 6400
- (d) 6200
- (e) 5800

L1Difficulty 3

QTags Compound Interest

QCreator AYUSH PANDEY

**NIACL AO PRE 7 (Q44) 2019**

Q9. Difference of the interest received when a sum is invested at 15% p.a. at SI for two years and the interest received when that sum is invested at 20% p.a. for one year compounded half yearly is Rs 432, find the sum?

- (a) Rs. 5400
- (b) Rs. 5000
- (c) Rs. 4500
- (d) Rs. 4000
- (e) Rs. 4800

L1Difficulty 3

Q10. If Sonu invest a sum at  $9\frac{1}{11}\%$  compound interest compounding annually and earn Rs. 372 in second year. Find amount he invested (in Rs.)?

- (a) 3377
- (b) 2211
- (c) 3300
- (d) 3784
- (e) 3751

Q11. An amount is invested at S.I. for three years at rate of 5% and S.I. received on that amount is Rs. 180. If the same amount is invested for two years at 10% C.I. for first year & R% C.I. for 2<sup>nd</sup> year & total C.I. received in two years is Rs. 318 then find value of R ?

- (a) 15%
- (b) 12%
- (c) 22%
- (d) 18%
- (e) 25%

L1Difficulty 3

QTags Compound Interest

QCreator AYUSH PANDEY

**NIACL AO PRE-02 2018(61)**

Q12. Veer invested an amount on simple interest, and it becomes two times of itself in 10 years. If Veer invested Rs. 1600 at the same rate of interest on CI, then find amount will get by Veer after three years (in Rs.)?

- (a) 2100.6
- (b) 2184.6
- (c) 2196.6
- (d) 2129.6
- (e) 2164.6

L1Difficulty 3

QTags Compound Interest

QCreator AYUSH PANDEY

**NIACL AO PRE-05 2018(62,63)**

Q13. A man invests a sum of 3600 in two part one at rate of 5% and other at rate of 7% and get total interest 204 as SI at the end of year. Find what part was invested at 7% rate.

- (a) 1200
- (b) 2400
- (c) 1800
- (d) 3000
- (e) 600

L1Difficulty 3

QTags Simple Interest

QCreator AYUSH PANDEY

Q14. A man invests 2500 Rs at 20% Compounded annually. Find the difference between interest earned in second year and third year.

- (a) 100
- (b) 220
- (c) 20
- (d) 120
- (e) 60

L1Difficulty 3

QTags Compound Interest

QCreator AYUSH PANDEY  
NIACL AO PRE-01 2018(44)

Q15. Difference of the interest received when a sum is invested at 15% p.a. at SI for two years and the interest received when that sum is invested at 20% p.a. for one year compounded half yearly is Rs 432, find the sum?

- (a) Rs. 5400
- (b) Rs. 5000
- (c) Rs. 4500
- (d) Rs. 4000
- (e) Rs. 4800

L1Difficulty 3

QTags Simple Interest

### Quiz - 18

Q1. A car can cover a distance in 9 hours at the speed of 70 km/hr at what percent should the speed of car increase so distance can cover in 6 hr.

- (a) 25%
- (b) 40%
- (c) 35%
- (d) 50%
- (e) 60%

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

**Q70, RRB CLERK PRE 16 (2018)**

Q2. What is the speed of car (in km/hr), which overtakes a running train in 20 second. Length of train is 180 meter and its speed is  $33\frac{1}{3}\%$  less than speed of car. (Car's length is negligible)

- (a) 100 km/hr
- (b) 81 km/hr
- (c) 105 km/hr
- (d) 90 km/hr
- (e) 97.2 km/hr

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

**Q1, Lakshya batch Speed time & distance (test file)**

Q3. A bird covers a distance of 112 km in 'y' hours travelling at the speed of 'x' km/hr. Find the speed of bird, given that x and y are co-primes integers, and both are greater than 1.

- (a) 16 km/hr
- (b) Can't be determined
- (c) 14 km/hr
- (d) 28 km/hr
- (e) 7 km/hr

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

**Q25, Lakshya batch Speed Time and Distance (Test) file**

Q4. Anurag can cover a km in 10 minutes and Dharam can cover a km in 15 minutes. If they both participated in a race and Anurag defeated Dharam by 200m, then find the length of race.

(a) 500m

(b) 600m

(c) 800m

(d) 400m

(e) 300m

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

**Q (8 - 11) Lakshya batch Speed Time and Distance (Test) file**

Q5. A car has wheels of diameter 84 cm. How many revolutions can the wheel complete in 40 minutes, if the car is travelling at the speed of 132 cm/s ?

(a) 1400

(b) 1000

(c) 600

(d) 1200

(e) 1600

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

Q6. Two cars starts at the same time from one point and move along two roads at right angles to each other. Their speeds are 36 km/hr. and 48 km/hr. respectively. After 15 second the distance between them will be

(a) 400 m

(b) 150 m

(c) 300 m

(d) 250 m

(e) None of these

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

Q7. A car driver observed that a bus was 40 m ahead of the car and after 20 seconds the car was 60 m ahead of the bus. If the speed of the bus is 38 kmph, then find the speed of the car (in kmph).

(a) 12

(b) 18

(c) 24

(d) 40

(e) None of these

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

Q8. Vikash and Mohit started from point A towards point Q. Distance between A and Q is 9 km. If Mohit starts after 4 min., then he will meet Vikash 1 km away from point Q at a time when Vikash is returning towards point A after reaching point Q and Vikash can cover 1 km in 6 min. find speed of Mohit in km/min.

(a)  $\frac{1}{7}$

(b)  $\frac{1}{8}$

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

(d)  $\frac{1}{6}$

(e)  $\frac{1}{12}$

L1Difficulty 2

QTags Speed Time Distance

QCreator AYUSH PANDEY

**Q51, RRB CLERK PRE 14(2018)**

Q9. Two trains A and B of length 400 m and  $(400 + x)$  m respectively are moving with same speed. If train A and B crosses a pole in 16 sec and 24 secs respectively then in what time train 'B' will cross 400 m long platform.

(a) 32 sec

(b) 40 sec

(c) 45 sec

(d) 54 sec

(e) 24 sec

L1Difficulty 3

QTags Trains

QCreator AYUSH PANDEY

**Q61, RRB CLERK PRE 15 (2018)**

Q10. The ratio of speed of train P and train Q is 4 : 5. Train P crosses a pole in 6 sec while train Q crosses the same pole in 4 sec. If train P crosses a platform of length 480 m in 18 sec then in how much time train Q will cross the same platform?

(a) 16.3 sec

(b) 14.2 sec

(c) 13.6 sec

(d) 18 sec

(e) 16 sec

L1Difficulty 3

QTags Trains

QCreator AYUSH PANDEY

**Q48, FCI ASSISTANT PRE 4 (2019)**

Q11. When speed of a train is increased by 20 km/hr it can cover a distance 40 minutes earlier. If speed of train is decreased by 30 km/h it takes 70 minutes more to cover that distance. Find distance covered by train.

- (a) 3000 km
- (b) 2000 km
- (c) 2085 km
- (d) 2175 km
- (e) 3850 km

L1Difficulty 2

QTags Trains

QCreator AYUSH PANDEY

**Q44, FCI ASSISTANT PRE 10 (2019)**

Q12. A train can cross a platform of 100 m length completely in 12 seconds while covers a platform of double of its length in 21 seconds. Find the speed of the train? (in m/s)

- (a) 12
- (b) 15
- (c) 18
- (d) 20
- (e) 24

L1Difficulty 2

QTags Trains

QCreator AYUSH PANDEY

**Q65, IBPS PO PRE 7 (2018)**

Q13. Ratio of upstream speed to downstream speed is 1 : 11. If speed of boat in still water is 30 km/hr then find the distance covered in upstream in 5 hours ? (in km)

- (a) 66
- (b) 55
- (c) 25
- (d) 30
- (e) 40

L1Difficulty 2

QTags Boat And Stream

QCreator AYUSH PANDEY

**Q72, RRB CLERK PRE 2 (2018)**

Q14. A boat can cover upstream distance between two points in 6 hours and same distance downstream in 4 hours. If speed of boat in still water is 8 km/h, then find speed of stream.

- (a) 2 km/h
- (b) 1.6 km/h
- (c) 3.2 km/h
- (d) 4.8 km/h
- (e) 3.8 km/h



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L1Difficulty 2

QTags Boat And Stream

QCreator AYUSH PANDEY

**Q62, RRB CLERK PRE 3 (2018)**

Q15. A boat can travel with the speed of 17 kmph in upstream. If the speed of river is 3 kmph, then find the speed of boat in downstream in the same river.

(a) 23 kmph

(b) 20 kmph

(c) 25 kmph

(d) 19 kmph

(e) 21 kmph

L1Difficulty 2

QTags Boat And Stream

### Quiz - 19

Q1. If average of a 10 term A.P is 112.5% more than its first term then second term of A.P is what % of the sum of the series?

(a)  $2\frac{5}{17}\%$

(b)  $4\frac{10}{17}\%$

(c)  $5\frac{15}{17}\%$

(d)  $3\frac{16}{17}\%$

(e)  $5\frac{7}{17}\%$

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

**Q46, RRB PO PRE 9 (2018)**

Q2. If the numerator of a fraction is increased by 150% and the denominator of the fraction is decreased by 25%, the resultant fraction is  $11\frac{1}{9}\%$  of 8. What is the original fraction?

(a)  $\frac{2}{7}$

(b)  $\frac{4}{15}$

(c)  $\frac{2}{9}$

(d)  $\frac{4}{17}$

(e)  $\frac{5}{18}$

L1Difficulty 2

QTags Fraction

QCreator AYUSH PANDEY

**Q68, SBI PO PRE 18 (2019)**

Q3. In a university election of two candidates, 80% of the students cast their votes out of which 120 votes are invalid. The winner gets 37.5% of the total students votes and won by only 30 votes. Then find the number of students who don't cast their votes?

- (a) 360
- (b) 320
- (c) 340
- (d) 300
- (e) 380

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

IBPS PO PRE 2019-15(Q 54)

Q4. The present age of a father is twice as that of his son. 10 years ago, his age was thrice the age of his son. What will be the ratio of the ages of father and son after 15 years from now?

- (a) 7: 11
- (b) 19: 5
- (c) 5: 9
- (d) 11: 7
- (e) 8:11

L1Difficulty 2

QTags Ages

QCreator AYUSH PANDEY

IBPS PO PRE 2019-14(Q 48)

Q5. The sum of Ravi's and Shivam's age 4 years ago was 80 years. Ravi's age 14 years ago was equal to Shivam's age 4 years ago, then find the present age of Ravi ? (in years)

- (a) 39
- (b) 49
- (c) 40
- (d) 47
- (e) 55

L1Difficulty 2

QTags Ages

QCreator AYUSH PANDEY

Q51, IBPS CLERK PRE 6 2019

Q6. Average of 8 consecutive odd numbers is 10. What will be the average of smallest 4 numbers out of 8 numbers?

- (a) 7
- (b) 8
- (c) 6
- (d) 4
- (e) 5

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY  
Q55, IBPS CLERK PRE 13 2019

Q7. In a committee of 20 members, the average age is 25 years. The average age of first 18 members is 24 years. What will be the average age of last 2 members?

- (a) 32
- (b) 36
- (c) 38
- (d) 34
- (e) 30

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

Q6 & 15 ULTIMATE IBPS SO (PARTNERSHIP)PPT

Q8. Amit opened a workshop by investing Rs. 60000. He invested additional amount of Rs. 8000 at the end of every year. After 2 years Hemant joined him with an amount of Rs. 80000. Thereafter Hemant did not invest any additional amount. Find the difference between their shares in profit, if total profit at the end of 4 years is Rs. 35000.

- (a) Rs 10000
- (b) Rs 12500
- (c) Rs 85000
- (d) Rs 75000
- (e) Rs 90000

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q9. Three partners A, B and C invested their amounts in ratio of 2 : 5 : 7. At the end of 6 months, 'A' added some more amount such that his investment become equals to half of sum of 'B' and 'C' initial investment. If at the end of the year, B's share in profit is Rs 4250, then find the total profit?

- (a) Rs 12500
- (b) Rs 13600
- (c) Rs 18400
- (d) Rs 10500
- (e)Rs 14500

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q54, FCI ASSISTANT PRE 1 (2019)

Q10. A mixture of milk and water contains 60% milk and remaining water. How much water should be added (in percentage) in mixture to reverse the proportion of milk and water?

- (a) 25%
- (b) 37.5%
- (c) 62.5%

(d) 75%

(e) 50%

L1Difficulty 3]2

QTags Mixture and allegation

QCreator AYUSH PANDEY

Q61, FCI ASSISTANT PRE 1 (2019)

Q11. If simple interest on a certain sum of money for three years is Rs. 450 and the compound interest on the same sum at the same rate for 2 years is Rs. 309, then the principal invested in rupees is :

(a) Rs. 3000

(b) Rs. 1875

(c) Rs. 1500

(d) Rs. 2250

(e) Rs. 2500

L1Difficulty 2

QTags Simple Interest

QCreator AYUSH PANDEY

Q59, RRB CLERK PRE 5 (2018)

Q12. Speed of a boat in still water is 8 km/h. It takes 5 hours to go upstream and 3 hours downstream distance between two points. What is the speed of stream?

(a) 4 km/h

(b) 2 km/h

(c) 3 km/h

(d) 1 km/h

(e) 2.5 km/h

L1Difficulty 2

QTags Boat And Stream

QCreator AYUSH PANDEY

Q49, IBPS PO PRE 1 (2019)

Q13. A is 25% more efficient than B. B takes 6 days more time to complete the work alone than A takes to complete the same work alone. If both works together then, in how many days same work will be completed.

(a) 16 days

(b)  $8\frac{2}{3}$  days

(c)  $13\frac{1}{3}$  days

(d) 21 days

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

L1Difficulty 3

QTags Time And Work

QCreator AYUSH PANDEY

Q56, RRB CLERK PRE 8 (2018)

Q14. A man sees a train passing over a bridge of length 1 km. The length of the train is half of the length of bridge. If the train passes the bridge in 2 minutes then find the speed of the train?

- (a) 30 kmph
- (b) 45 kmph
- (c) 50 kmph
- (d) 60 kmph
- (e) 54 kmph

L1Difficulty 3

QTags Trains

QCreator AYUSH PANDEY

**NIACL AO PRE-01 2018(44)**

Q15. Difference of the interest received when a sum is invested at 15% p.a. at SI for two years and the interest received when that sum is invested at 20% p.a. for one year compounded half yearly is Rs 432, find the sum?

- (a) Rs. 5400
- (b) Rs. 5000
- (c) Rs. 4500
- (d) Rs. 4000
- (e) Rs. 4800

L1Difficulty 3

QTags Compound Interest

### Quiz - 20

Q1. A person sells a table at a profit of 10%. If he had bought the table at 5% less cost and sold for Rs. 80 more, he would have gained 20%. The cost price of the table is

- (a) Rs. 3,200
- (b) Rs. 2,500
- (c) Rs. 2,000
- (d) Rs. 3,000
- (e) Rs. 1,600

L1Difficulty 2

QTags Profit And Loss

QCreator AYUSH PANDEY

**Q52, RRB CLERK PRE 16 (2018)**

Q2. Roni purchased a cycle for Rs. 12000 and sold it at a loss of 20% with that amount he purchased another cycle and sold it at 30% profit. What was his overall gain/loss ?

- (a) 720 loss
- (b) 480 loss
- (c) 480 profit
- (d) 720 profit
- (e) No profit no loss

L1Difficulty 2

QTags Profit And Loss

QCreator AYUSH PANDEY

**Q(5 - 9) IBPS PO PRE Crash Course (Profit & Loss) ultimate Test file**

Q3. A man sells his bike at 18% profit. If he had sold it at 10% more of previous then his profit increase by 295. Find his new selling price

- (a) 2475 Rs.
- (b) 2950 Rs.
- (c) 2150 Rs.
- (d) 3145 Rs.
- (e) 3245 Rs.

L1Difficulty 2

QTags Profit And Loss

QCreator AYUSH PANDEY

Q4. Veer sold a pen at Rs. 128 and cost price of that pen is Rs.  $x$ . If he gains  $(x - 20)\%$  in this transaction, then at what price Veer should sold the pen to get a profit of 40% (in Rs.)?

- (a) 118
- (b) 124
- (c) 136
- (d) 148
- (e) 112

L1Difficulty 3

QTags Profit And Loss

QCreator AYUSH PANDEY

Q5. Cost price of a jeans is 32.5% more than cost price of a shirt and cost price of jeans is increased by 30% and it sold in Rs. 4134 at the profit of 25%. If shirt marked up 15% above cost price, then find the marked price of shirt (in Rs.)?

- (a) 2200
- (b) 2208
- (c) 2280
- (d) 2820
- (e) 2082

L1Difficulty 3

QTags Profit And Loss

QCreator AYUSH PANDEY

Q6. A shopkeeper gives one article free at purchase of every four article and also allows 10% discount. If he wants to earn 8% profit then find market price is what percent of cost price of each article.

- (a) 150%
- (b) 50%
- (c) 100%
- (d) Can't be determined
- (e) 20%

L1Difficulty 3

QTags Profit And Loss

QCreator AYUSH PANDEY

Q7. A vegetable seller has 230 quintals of tomatoes at the rate of Rs. 10 per kg and 20% of tomatoes were rotten in packaging and thrown away. If seller sold half of the remaining tomatoes at the rate of Rs. 20 per kg, then at what price (per kg) should seller sell the remaining tomatoes to gain a total profit of 15% on the total quantity seller had (in Rs./kg)?

- (a) 8.75
- (b) 8.25
- (c) 8.5
- (d) 9.25
- (e) 9.75

L1Difficulty 3

QTags Profit And Loss

QCreator AYUSH PANDEY

**Q(13 - 15) RBI assistant ultimate Mensuration class PPT - 1**

Q8. A cylinder having height 196 cm radius 14 cm is casted into 'x' number of cubes having side 7 cm. Find the value of 'x'.

- (a) 44
- (b) 352
- (c) 308
- (d) 392
- (e) 2816

L1Difficulty 3

QTags 3D-Mensuration

QCreator AYUSH PANDEY

Q9. The circumference of two circles is 132 m and 176 m respectively. What is difference between the area of larger circle and smaller circle? (in  $m^2$ )

- (a) 1052
- (b) 1128
- (c) 1258
- (d) 1078
- (e) 1528

L1Difficulty 3

QTags 2D-Mensuration

QCreator AYUSH PANDEY

Q10. Curved surface area of a right circular cone is  $1.76 m^2$  and its base diameter is 140 cm. find the height of the cone?

- (a) 10 cm
- (b)  $10\sqrt{2}$  cm
- (c)  $20\sqrt{2}$  cm
- (d)  $10\sqrt{15}$  cm

(e)  $15\sqrt{10}$  cm

L1Difficulty 3

QTags 2D-Mensuration

QCreator AYUSH PANDEY

**Q50, RRB CLERK PRE 2 (2018)**

Q11. Find the probability of selecting 2 green balls out of 4 green and 3 red balls.

(a)  $6/7$

(b)  $4/7$

(c)  $3/7$

(d)  $2/7$

(e)  $1/7$

L1Difficulty 2

QTags Probability

QCreator AYUSH PANDEY

**Q43, RRB CLERK PRE 3 (2018)**

Q12. A bag contains 5 blue balls and 7 red balls, if 2 balls are drawn at random. What is the probability that at least 1 ball is red.

(a)  $\frac{28}{33}$

(b)  $\frac{17}{66}$

(c)  $\frac{23}{33}$

(d)  $\frac{47}{66}$

(e)  $\frac{26}{33}$

L1Difficulty 2

QTags Probability

QCreator AYUSH PANDEY

**Q65, RRB CLERK PRE 4 (2018)**

Q13. A dice is thrown up find the probability of getting an odd no. on the upper face.

(a)  $3/4$

(b)  $2/3$

(c)  $1/2$

(d)  $5/6$

(e)  $1/3$

L1Difficulty 2

QTags Probability

QCreator AYUSH PANDEY

**Q56, RRB CLERK PRE 5 (2018)**

Q14. How many five digits number can be formed using the digits 1, 3, 4, 5, 6, 7 without repetition of digits?

(a) 120

(b) 144



(c) 720

(d) 840

(e) 420

L1Difficulty 3

QTags Permutation And Combination

QCreator AYUSH PANDEY

Q61, RRB CLERK PRE 6 (2018)

Q15. In how many ways can a group of 5 men and 2 women be made out of total of 7 men and 3 women?

(a) 63

(b) 45

(c) 126

(d) 90

(e) 84

L1Difficulty 3

QTags Permutation And Combination

### Quiz - 21

**Directions (1-5):** Table given below shows the ratio of male to female and total population of different states in 2011 and 2012.

State	2011		2012	
	Male : female	Total Population (In lakh)	Male : female	Total Population (In lakh)
U.P.	3 : 1	32	4 : 3	35
M.P.	4 : 5	18	3 : 2	20
B.P.	4 : 3	28	5 : 3	16
H.P.	5 : 1	24	2 : 1	12
A.P.	1 : 2	30	4 : 1	25

Q1. What was total number of males in U.P. in year 2011 and females in same state in year 2012? (in lakhs)

(a) 39

(b) 29

(c) 34

(d) 49

(e) 44

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q2. What is the ratio of total number of females in H.P. in both years to the total number of females in B.P. in both years?

(a) 4 : 7

(b) 2 : 3

(c) 4 : 9

(d) 5 : 9

(e) 9 : 4

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q3. If male of M.P. in year 2011 are of three category i.e. General, OBC and SC which are in ratio 3 : 3 : 2. Then find the difference between males of General and SC category.

- (a) 2 lakh
- (b) 1 lakh
- (c) 3 lakh
- (d) 1.5 lakh
- (e) None of these

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q4. Male in state B.P. in year 2012 is what percent more or less than that of male in same state in year 2011 ?

- (a) 30%
- (b) 40%
- (c) 35%
- (d) 37.5%
- (e) None of these

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q5. If 24% of males of state A.P. in year 2012 went to state U.P. in same year, then what is the percentage increased in the population of state U.P.?

- (a) 16.04%
- (b) 8.08%
- (c) 22.60%
- (d) 24%
- (e) 13.71%

**Directions (6- 10):** Study the table given below carefully and answer the given question

The table shows five shopkeepers who sell three different products.

Note: The shopkeeper sells only these three products.

Shopkeeper	Products		
	Watch	Shoes	Shocks
P	34%	44%	484
Q	48%	28%	2304
R	13%	67%	1040
S	18%	42%	1280
T	15%	60%	1550

Q6. Number of watches sold by shopkeeper P is how much more or less than the number of shocks sold by shopkeeper T?

- (a) 812
- (b) 802
- (c) 902
- (d) 822
- (e) None of these

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q7. What is the ratio of number of watches and shoes sold by shopkeeper Q and number of watches and shoes sold by shopkeeper S?

- (a) 19 : 5
- (b) 5 : 19
- (c) 17 : 6
- (d) 6 : 17
- (e) None of these

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q8. If  $\frac{4}{5}$ th of the shoes which are sold by shopkeeper T are defective then how many shoes he sold which are not defective?

- (a) 784
- (b) 844
- (c) 744
- (d) 764
- (e) None of these

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q9. Total number of products sold by shopkeeper S is approximately what percent more or less than total number of products sold by shopkeeper R?

- (a) 42%
- (b) 38%
- (c) 46%
- (d) 64%
- (e) 52%

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q10. Watches and shocks sold by shopkeeper R is what percent of watches and shoes sold by shopkeeper P?

- (a) 0%
- (b) 25%
- (c) 50%
- (d) 75%
- (e) 100%

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

Table shows the 4 schools in which total number of enrolled students in each school is given and percentage of enrolled students who are learning Indian Classical and ratio of male to female students who are learning Indian classical are given.

**Note:** All students of given schools are involved in singing.

School	Total number of students enrolled in the school	Percentage of enrolled students who are learning Indian Classical	Ratio of male to female students learning Indian Classical
P	400	40	5 : 3
Q	225	24	2 : 1
R	525	20	4 : 1
S	375	16	3 : 1

Q11. What is the ratio of the total number of male students learning Indian Classical in school P and S together to the total number of female students learning Indian Classical in the same schools together?

- (a) 30 : 37
- (b) 31 : 38
- (c) 31 : 44
- (d) 36 : 37
- (e) 29 : 15

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q12. In school Q, out of the total number of students (both male and female) learning Indian Classical,  $\frac{1}{9}$  are below 17 years of age in which 50% are females, then what is the number of female students learning Indian Classical who are 17 years or above?

- (a) 24
- (b) 18
- (c) 36
- (d) 15
- (e) 12

L1Difficulty 2

QTags Table DI

QCreator AYUSH PANDEY

Q13. What is the difference between the total number of male students learning Indian Classical in schools Q and R together and the total number of female students learning the same in the same schools together?

- (a) 78
- (b) 74
- (c) 81
- (d) 86
- (e) 84

Q14. What is the average number of students learning singing (other than Indian Classical) in school P, Q and R together?

- (a) 289
- (b) 277
- (c) 285
- (d) 283
- (e) 273

Q15. The number of students (both male and female) who are learning Indian Classical in school Q and S together is approximately what per cent less than the number of students (both male and female) who are learning the same singing in schools P and R together?

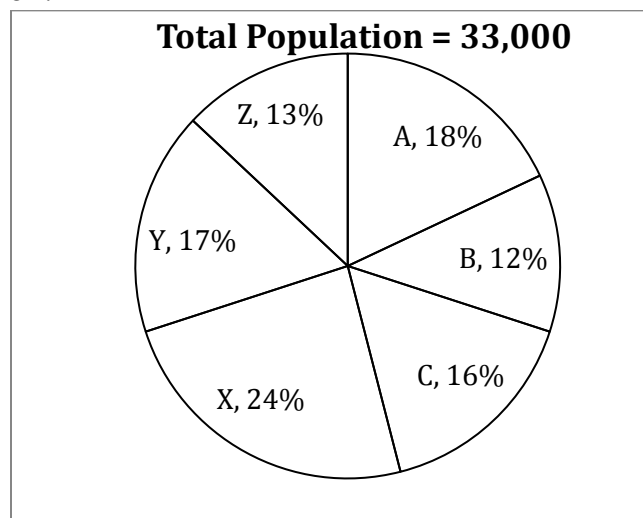
- (a) 18
- (b) 42
- (c) 22
- (d) 57
- (e) 33

L1Difficulty 2

QTags Table DI

### Quiz - 22

**Direction (1-5):** Pie chart given below shows population of 6 cities. Study the chart carefully & answer the following question.



Q1. What is the difference between the population of city A & C together to the population of city X & Y together?

- (a) 2240
- (b) 2020
- (c) 2310
- (d) 2420
- (e) 2120

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q2. In city Y, 43% are male, 34% female and remaining are transgender. Find the difference between males and transgender of city Y.

- (a) 1132
- (b) 2211
- (c) 1232
- (d) 1442
- (e) 1122

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q3. Population of city B & Y together is how much percent more than the population of city C?

- (a) 81.25%
- (b) 87.75%
- (c) 58.75%
- (d) 67.25%
- (e) 76.50%

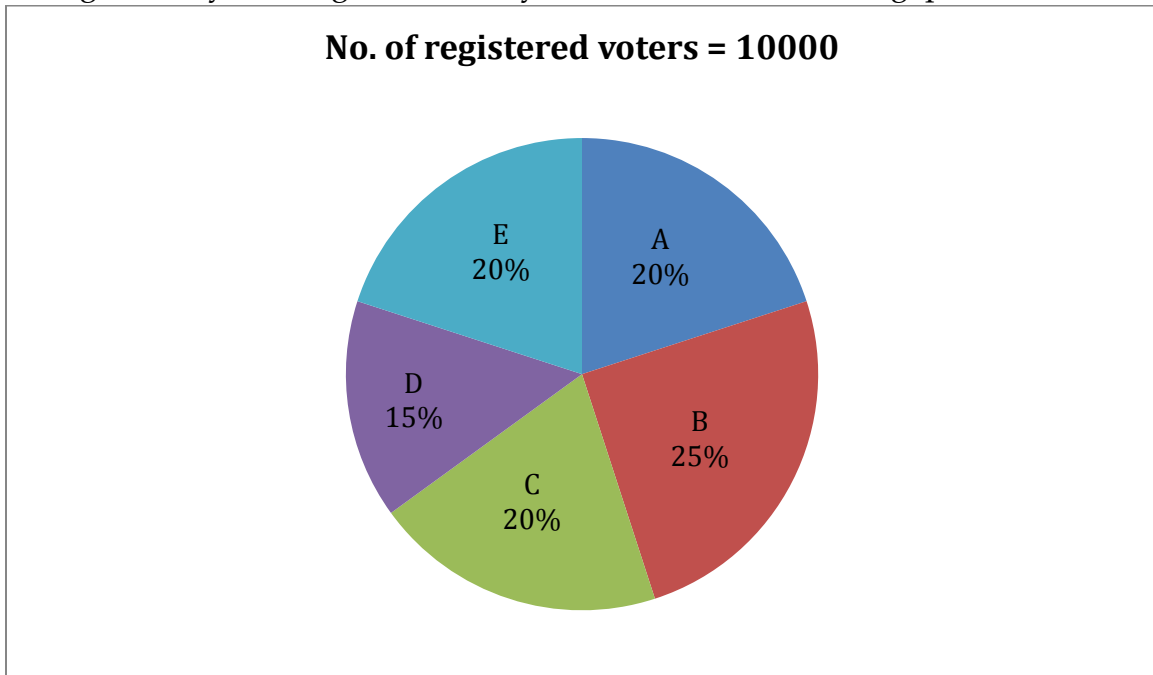
Q4. Average population of A, C & Y all together is how much less than the average population of B and X together?

- (a) 264
- (b) 330
- (c) 396
- (d) 462
- (e) 297

Q5. 30% of population of city C doing govt. Job, 40% of population doing Private Job and remaining are unemployed. Find the number of person not doing govt. job?

- (a) 1584
- (b) 2112
- (c) 3168
- (d) 3696
- (e) 4752

**Directions (6-10):-** Given pie diagram shows the percentage distribution of number of registered voters in 5 villages. Study the diagram carefully and answer the following questions.



Q6. If 20% of registered voters in village B did not cast their vote and 10 % of votes cast were found invalid. Find no. of valid votes cast in village B.

- (a) 1800
- (b) 1900
- (c) 1950
- (d) 1850
- (e) 2000

Q7. In village C, 10% of registered voters did not cast their vote and no vote was invalid from the votes which were cast. The winning candidate defeated the other candidate by 12% of votes cast. Find no. of votes obtained by losing candidate. (There are only 2 candidates contesting in elections in village C)

- (a) 996
- (b) 880
- (c) 1008
- (d) 792
- (e) *None of these*

Q8. Find average number of registered voters in village B, C & D.

- (a) 1700
- (b) 2100
- (c) 1900
- (d) 1800
- (e) 2000

Q9. In village A, B, D & E votes cast by only 70%, 65%, 80% and 75% of registered voters respectively. From which village among A, B, D & E did maximum voters cast their votes?

- (a) E
- (b) A
- (c) B
- (d) D
- (e) B & E

L1Difficulty 3

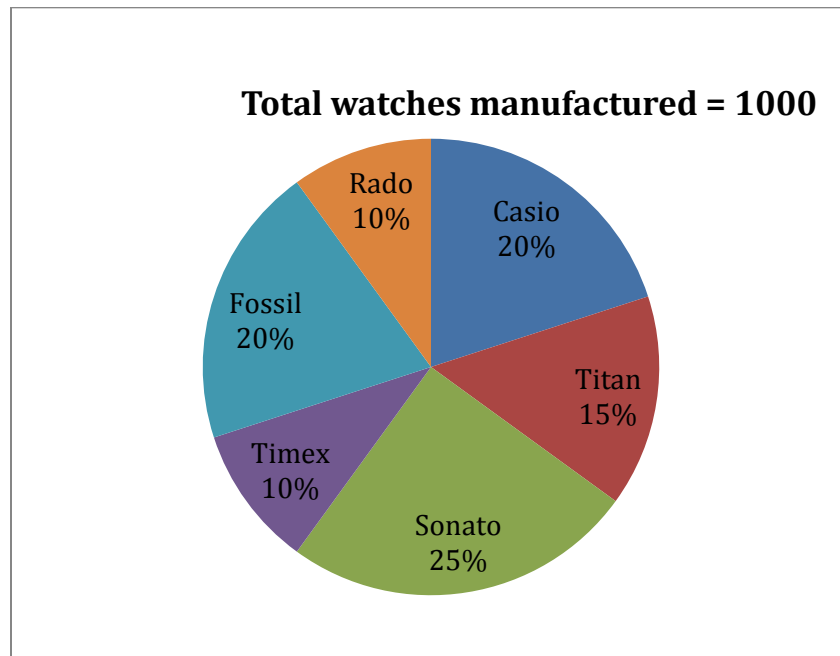
QTags Pie Chart DI

QCreator AYUSH PANDEY

Q10. Average no. of registered voters from village A & C is what percent of average no. of registered voters from village B, D and E?

- (a) 120%
- (b) 100%
- (c) 90%
- (d) 80%
- (e) 110%

**Directions (11-15):-** Given pie graph shows percentage distribution of watches manufactured by a company in 2018. Study the graph carefully & answer the questions.



Q11. What is average of watches manufactured by Casio, Titan & Sonata together?

- (a) 500
- (b) 600
- (c) 400
- (d) 200
- (e) 300

L1Difficulty 2



QTags Pie Chart DI

QCreator AYUSH PANDEY

Q12. What is ratio of watches manufactured by Timex & Sonata together to that by Fossil & Casio together?

- (a) 5:4
- (b) 8:7
- (c) 7:8
- (d) 7:4
- (e) 5:8

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q13. Watches manufactured of Sonata are what percent more/less than watches manufactured of Rado?

- (a) 130%
- (b) 150%
- (c) 200%
- (d) 170%
- (e) 100%

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q14. If next year, Titan watch production increases by 10% while that of Timex decreases by 10%. What is difference in manufacturing of both in next year?

- (a) 80
- (b) 90
- (c) 100
- (d) 65
- (e) 75

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q15. No. of watches manufactured of how many brands is more than average no. of watches manufactured?

- (a) 4
- (b) 3
- (c) 1
- (d) 2
- (e) 5

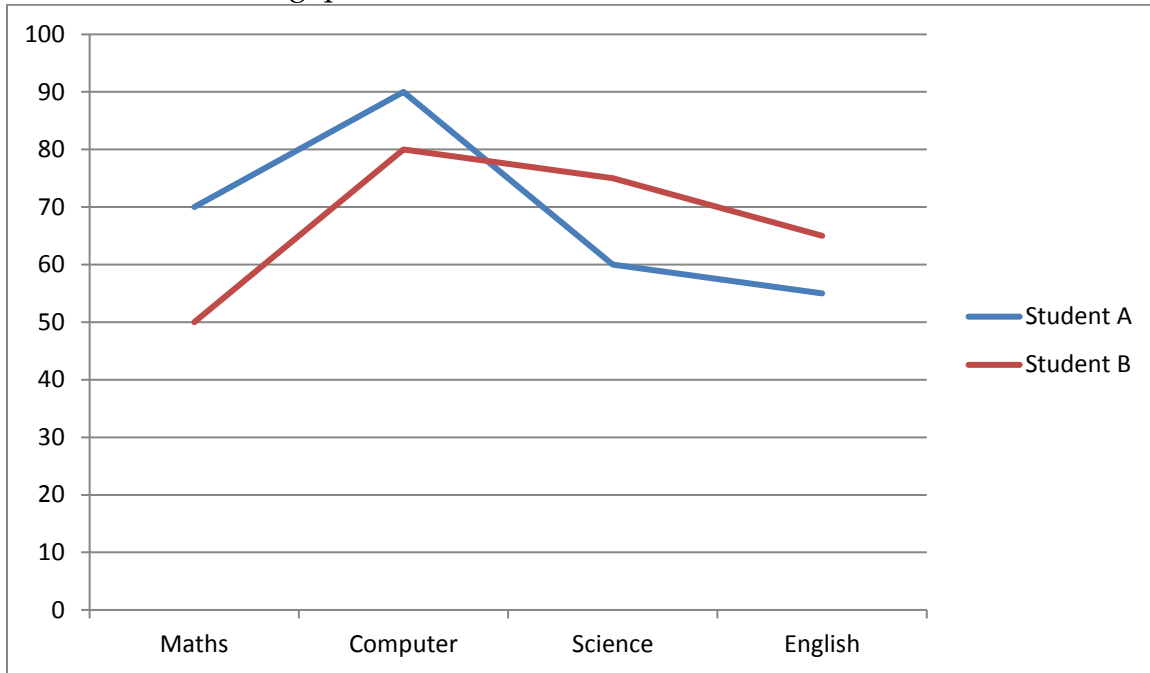
L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

### Quiz - 23

**Direction (1-5):** Following Line Graph shows the marks scored by Student A and Student B in high school in different Subjects. (Maximum Marks is 100 for each subject). Study the data carefully and answer the following questions.



Q1. What is difference between average marks scored by Student A and Student B in all subjects?

- (a) 1.75
- (b) 1.45
- (c) 1.50
- (d) 1.25
- (e) 1

Q2. What is Ratio of marks obtained by Student A in Maths and Computer together to the marks obtained by Student B in Science and English together?

- (a) 7:5
- (b) 7:8
- (c) 8:7
- (d) 8:5
- (e) 5:7

Q3. What is the overall percentage marks scored by Student B?

- (a) 68.75 %
- (b) 67.5 %
- (c) 68%
- (d) 67%
- (e) 69.25%

Q4. Marks Scored by Student A in Math is what percent of marks scored by Student B in Science and English together?

- (a) 40%
- (b) 60%
- (c) 50%
- (d) 70%
- (e) 80%

L1Difficulty 2

QTags Line Graph DI

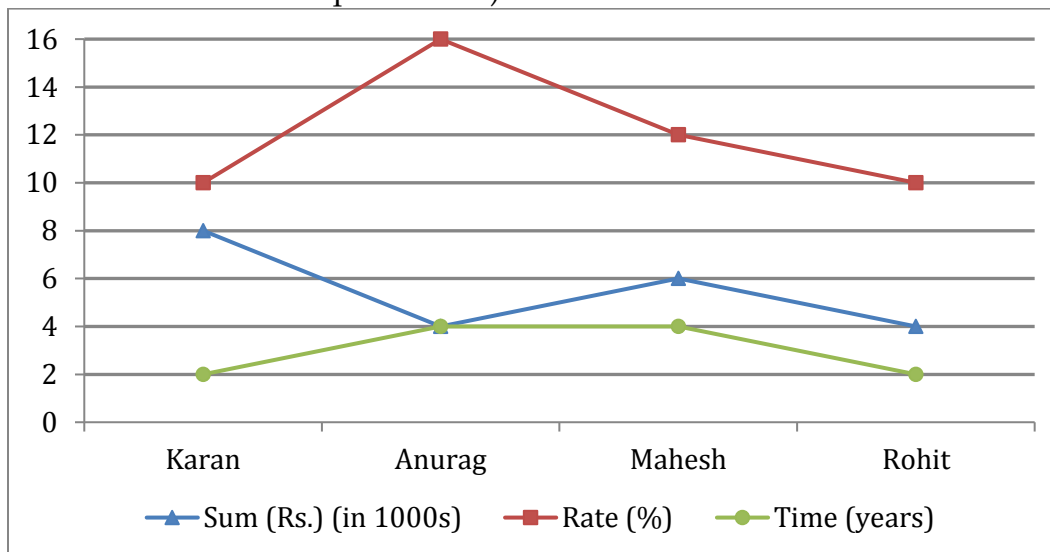
QCreator AYUSH PANDEY

Q5. If passing marks for each subject is 40% of 120, then what is the difference between passing marks and marks scored by Student B in Computer?

- (a) 30
- (b) 32
- (c) 36
- (d) 40
- (e) 45

**Directions (6-10):-** Given line graph shows the sum invested, rate of interest and time period of investment by 4 people. Study the data carefully and answer the questions.

(NOTE: all invested their sum at simple interest)



Q6. How much will Rohit receive after completion of his investment period? (in Rs.)

- (a) 5200
- (b) 6800
- (c) 4800
- (d) 4400
- (e) 4600

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q7. Interest amount received by Mahesh is what percent more than interest amount received by Karan?

- (a) 85%
- (b) 60%
- (c) 75%
- (d) 70%
- (e) 80%

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q8. What is total amount received as interest by Anurag & Rohit together? (in Rs.)

- (a) None of these
- (b) 3150
- (c) 3200
- (d) 3360
- (e) 3420

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q9. If Karan had invested same sum at compound interest at same rate of interest for same period. How much more would he earn?

- (a) Rs 80
- (b) Rs 90
- (c) Rs 70
- (d) Rs 60
- (e) None of these

L1Difficulty 2

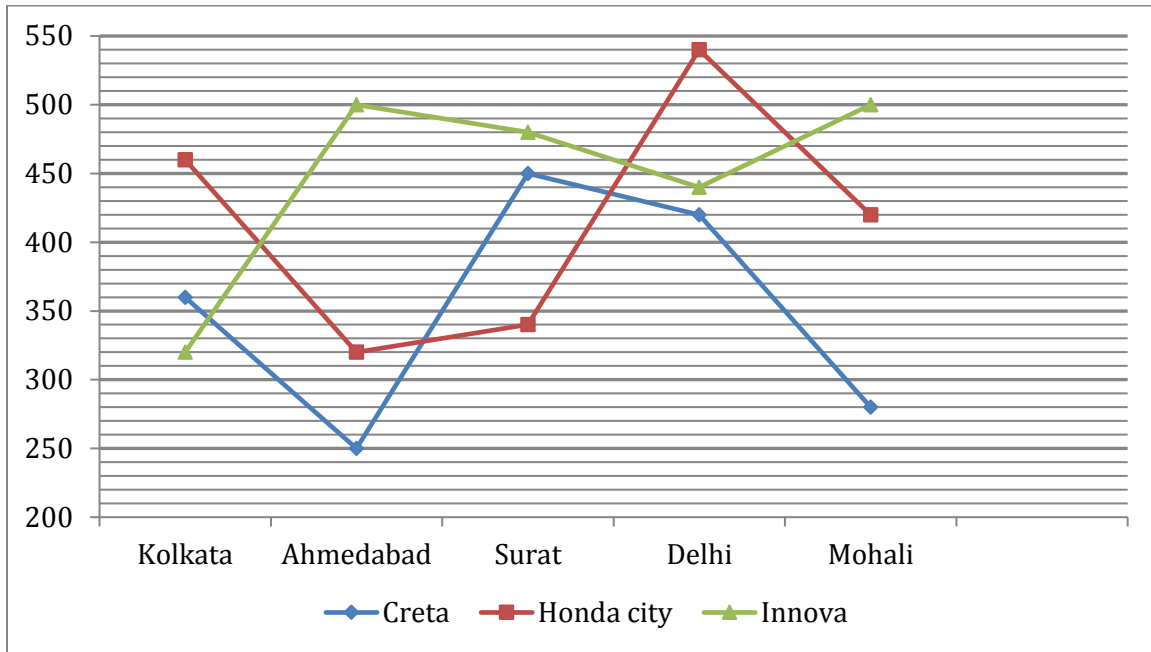
QTags Line Graph DI

QCreator AYUSH PANDEY

Q10. Who among the four had received the highest amount as interest?

- (a) Karan
- (b) Anurag
- (c) Both Anurag & Mahesh
- (d) Rohit
- (e) Mahesh

**Directions (11-15):-** following line graph shows the data of 3 different types of cars sold in 5 different cities.



Q11. Number of Honda city car sold in Ahmedabad is what percent of total Innova car sold in Surat?

- (a) 50%
- (b)  $66\frac{2}{3}\%$
- (c) 70 %
- (d)  $57\frac{1}{7}\%$
- (e) 80 %

Q12. Find the respective ratio of Creta car sold in Delhi and Mohali together to the total of Innova car sold in Kolkata and Ahmedabad together?

- (a) 41:35
- (b) 46:53
- (c) 26:35
- (d) 35:41
- (e) 35:54

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q13. Find the total number of cars sold in Kolkata?

- (a) 1140
- (b) 1170
- (c) 1250
- (d) 1300
- (e) 1080

Q14. Find the difference between number of Honda city cars sold in delhi and number of creta cars sold in surat?

- (a) 70
- (b) 110
- (c) 80
- (d) 100
- (e) 90

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q15. Find the average number of Honda city car sold in all the cities?

- (a) 420
- (b) 426
- (c) 416
- (d) 430
- (e) 435

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

### Quiz - 24

**Direction (1-5):** Given below the table shows total number of rooms booked in five different hotels on five days of a week. Read the table carefully and answer the questions:

Hotels	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Oberai</b>	360	280	560	520	480
<b>Lodhi</b>	260	275	225	215	305
<b>Taj</b>	640	480	290	375	275
<b>Grand</b>	280	250	300	720	220
<b>Eros</b>	155	145	265	275	315

Q1. Total rooms booked in 'Oberai' on Tuesday & Thursday together is what percent less than total rooms booked in 'Grand' on Monday & Thursday?

- (a) 25%
- (b) 20%
- (c) 16%
- (d) 34%
- (e) 48%

L1Difficulty 3

QTags Table DI

QCreator AYUSH PANDEY

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Q2. Find difference between total number of rooms booked in 'Oberai', 'Lodhi' & 'Taj' on Monday together and total number of rooms booked in 'Taj', 'Grand' & 'Eros' on Thursday together?

- (a)140
- (b)210
- (c)70
- (d)110
- (e)135

L1Difficulty 3

QTags Table DI

QCreator AYUSH PANDEY

Q3. Find ratio between total rooms booked in 'Eros' on Wednesday & Thursday together to total rooms booked in 'Lodhi' on Thursday & Friday together?

- (a)27: 26
- (b)19: 17
- (c)29: 32
- (d)53 :49
- (e)24: 23

L1Difficulty 3

QTags Table DI

QCreator AYUSH PANDEY

Q4. Find sum of average numbers of room booked in 'Eros' on Monday, Wednesday & Friday and average number of rooms booked in 'Grand' on Monday & Friday?

- (a)580
- (b)380
- (c)495
- (d)460
- (e)535

L1Difficulty 3

QTags Table DI

QCreator AYUSH PANDEY

Q5. Find percentage increase in rooms booked on Friday in 'Oberai' over total rooms booked on Monday in same Hotel?

- (a)46%
- (b) $66\frac{2}{3}\%$
- (c) $37\frac{1}{2}\%$
- (d)28%
- (e) $33\frac{1}{3}\%$

L1Difficulty 3

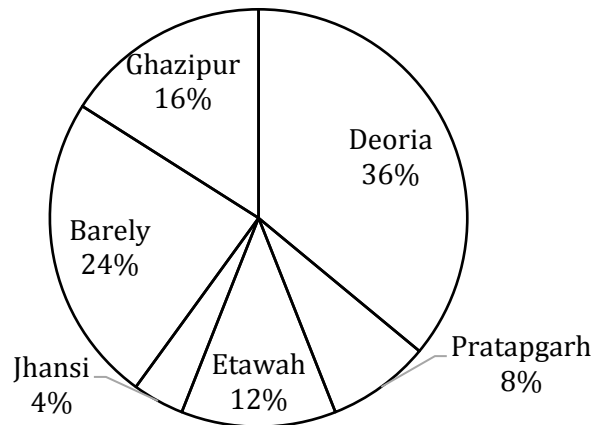
QTags Table DI

QCreator AYUSH PANDEY

Q(56 - 60) RRB CLERK PRE 2 (2018)

**Direction (6-10):** The following pie chart shows the percentage distribution of candidates who were selected in UPSI exam from six different district of UP. Study the graph carefully to answer the following questions.

Total selected candidates = 45,000



Q6. What is the difference between no. of candidates selected in UPSI exam from Ghazipur and Etawah?

- (a) 1850
- (b) 1600
- (c) 1800
- (d) 1500
- (e) 1700

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q7. Find the average no. of candidates who were selected in UPSI exam from Barely, Pratapgarh and Jhansi together.

- (a) 5400
- (b) 4500
- (c) 5200
- (d) 5600
- (e) 4800

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q8. Total no. of candidates selected from Deoria is how much percent more than that of from Barely?

- (a) 48%
- (b) 45%
- (c) 40%
- (d) 50%
- (e) 55%

L1Difficulty 2

QTags Pie Chart DI



QCreator AYUSH PANDEY

Q9. Out of total selected candidates from Etawah, 20% candidates are females. Then find total candidates who are males who are selected from Etawah?

- (a) 4,420
- (b) 4,320
- (c) 5,320
- (d) 3,320
- (e) 4,230

L1Difficulty 2

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q10. Total candidates selected from Pratapgarh is what percent of that from Bareilly?

- (a)  $33\frac{1}{3}\%$
- (b)  $22\frac{1}{2}\%$
- (c) 43%
- (d) 31%
- (e)  $27\frac{1}{3}\%$

L1Difficulty 2

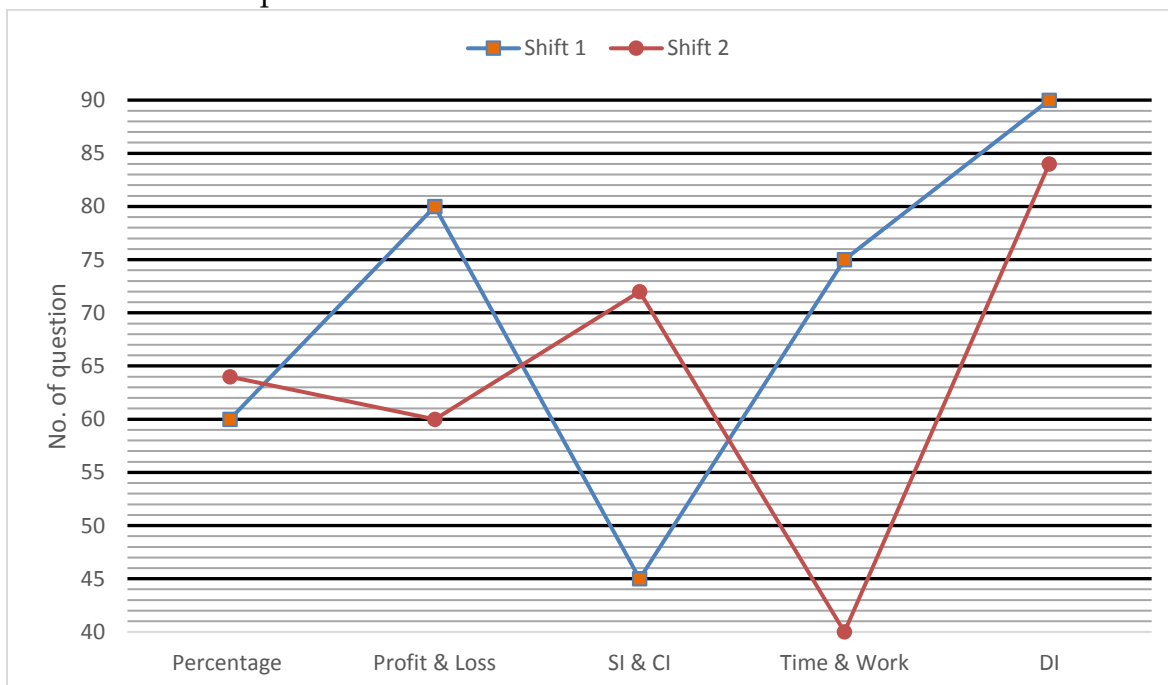
QTags Pie Chart DI

QCreator AYUSH PANDEY

**Q(51 - 55) RRB clerk pre 4 (2018)**

**Directions (11-15):** Study the following line graph carefully and answer the following questions.

The line graph shows the no. of questions asked from different topics of quantitative aptitude in two shifts of SBI clerk prelims exam.



Q11. No. of questions asked in shift 1 from SI & CI is what percent of no. of questions asked from time and work in the same shift?

- (a) 60%
- (b) 50%
- (c) 55%
- (d) 64%
- (e) 75%

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q12. Find the average no. of questions asked from all the given sections in shift 2.

- (a) 46
- (b) 64
- (c) 48
- (d) 68
- (e) 74

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q13. What is the ratio of no. of questions asked from profit & loss and percentage together in shift 1 to the questions asked from profit & loss and time & work together in shift-2?

- (a) 6 : 5
- (b) 5 : 7
- (c) 7 : 5
- (d) 5 : 6
- (e) 8 : 7

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q14. What is the difference between total no. of questions asked in both shifts from all the given sections together?

- (a) 45
- (b) 40
- (c) 35
- (d) 30
- (e) 60

L1Difficulty 2

QTags Line Graph DI

QCreator AYUSH PANDEY

Q15. Total no. of questions asked from DI in shift 2 are what percent less than that of DI in shift 1?

- (a)  $5\frac{2}{3}\%$

(b)  $6\frac{2}{3}\%$

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

(d) 8%

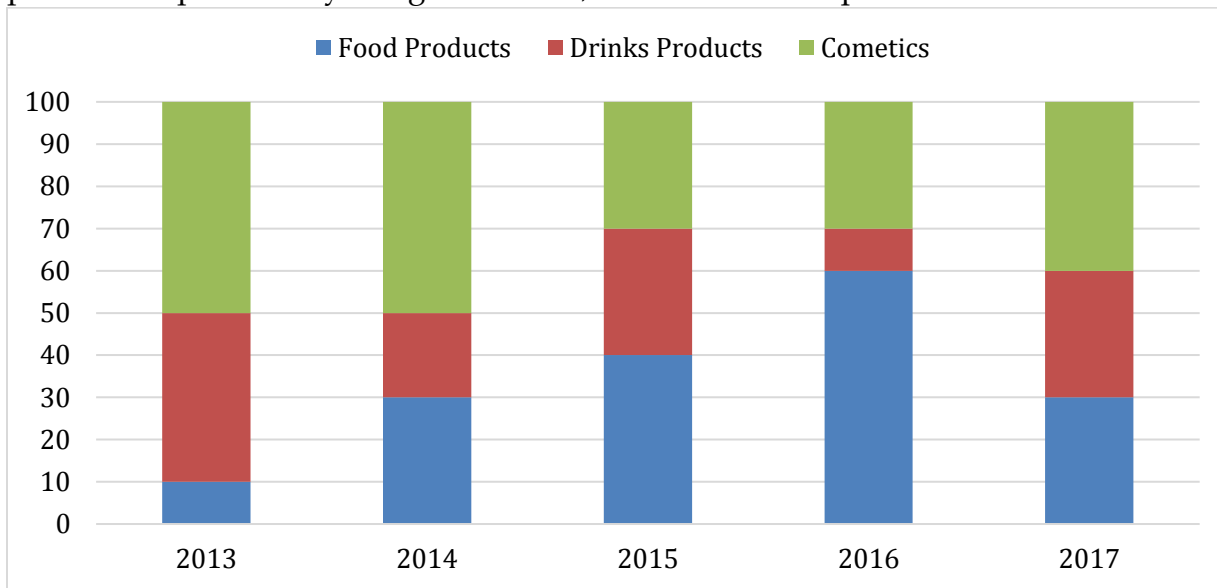
(e)  $3\frac{2}{3}\%$

L1Difficulty 2

QTags Line Graph DI

### Quiz - 25

**Direction (1-5):-**A Company produces three different products namely food, drinks and cosmetic products. If total production of the company was same for all years and % production of three products in particular years given below, then answer the questions that follows:



Q1. In 2013, number of food products produced by the company is what percent more/less than cosmetic products produced in year 2016?

(a)  $33\frac{1}{3}\%$

(b) 25%

(c)  $66\frac{2}{3}\%$

(d) 20%

(e) 50%

Q2. If total production in year 2017 was 1,20,000. Find the difference between number of food products produced in 2017 and drink products produced in 2014?

(a) 12000

(b) 15000

(c) 12500

(d) 10000

(e) 11500

Q3. Find the ratio b/w number of cosmetic products produced in 2017 and number of food products produced in 2013.

- (a) 1 : 4
- (b) 1 : 2
- (c) 2 : 1
- (d) 3 : 4
- (e) 4 : 1

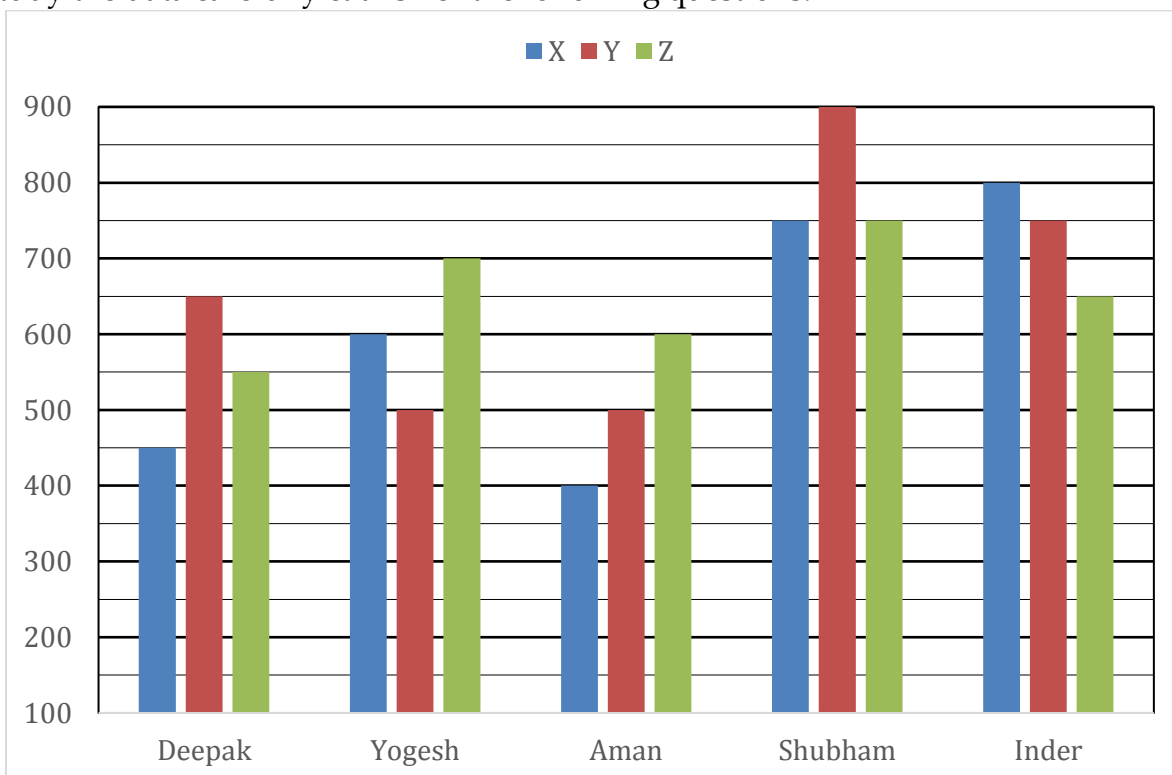
Q4. The difference b/w food products and drink products produced by the company in 2015 is 15000. Find the average of food and cosmetic products produced by company in 2013?

- (a) 30000
- (b) 50000
- (c) 40000
- (d) 45000
- (e) 25000

Q5. Find the total production in 2018 if there is an increase of 10% in total production in 2018 as compared to previous year given that number of drink products produced in 2015 was 12000?

- (a) 55000
- (b) 44000
- (c) 66000
- (d) 33000
- (e) None of these

Directions (6- 10): Bar chart given below shows number of three type of markers sold by five different sellers. Study the data carefully & answer the following questions.



Q6. Total markers sold by Deepak is what percent less than the total markers sold by Inder?

- (a) 25%
- (b)  $33\frac{1}{3}\%$
- (c) 50%
- (d)  $66\frac{2}{3}\%$
- (e) 75%

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q7. Find the ratio of 'Y' type marker sold by all the five sellers together to 'Z' type marker sold by all the five sellers together?

- (a) 23 : 22
- (b) 22 : 23
- (c) 65 : 66
- (d) 66 : 65
- (e) 33 : 32

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q8. Average number of marker sold by Yogesh is how much more than average number of marker sold by Aman?

- (a) 50
- (b) 100
- (c) 150
- (d) 200
- (e) 250

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q9. 'X' type marker sold by Yogesh, Shubham and Aman together is what percent less than 'Z' type marker sold by Yogesh, Shubham and Inder together?

- (a)  $33\frac{1}{3}\%$
- (b)  $26\frac{2}{3}\%$
- (c) 25%
- (d) 20%
- (e)  $16\frac{2}{3}\%$

L1Difficulty 3

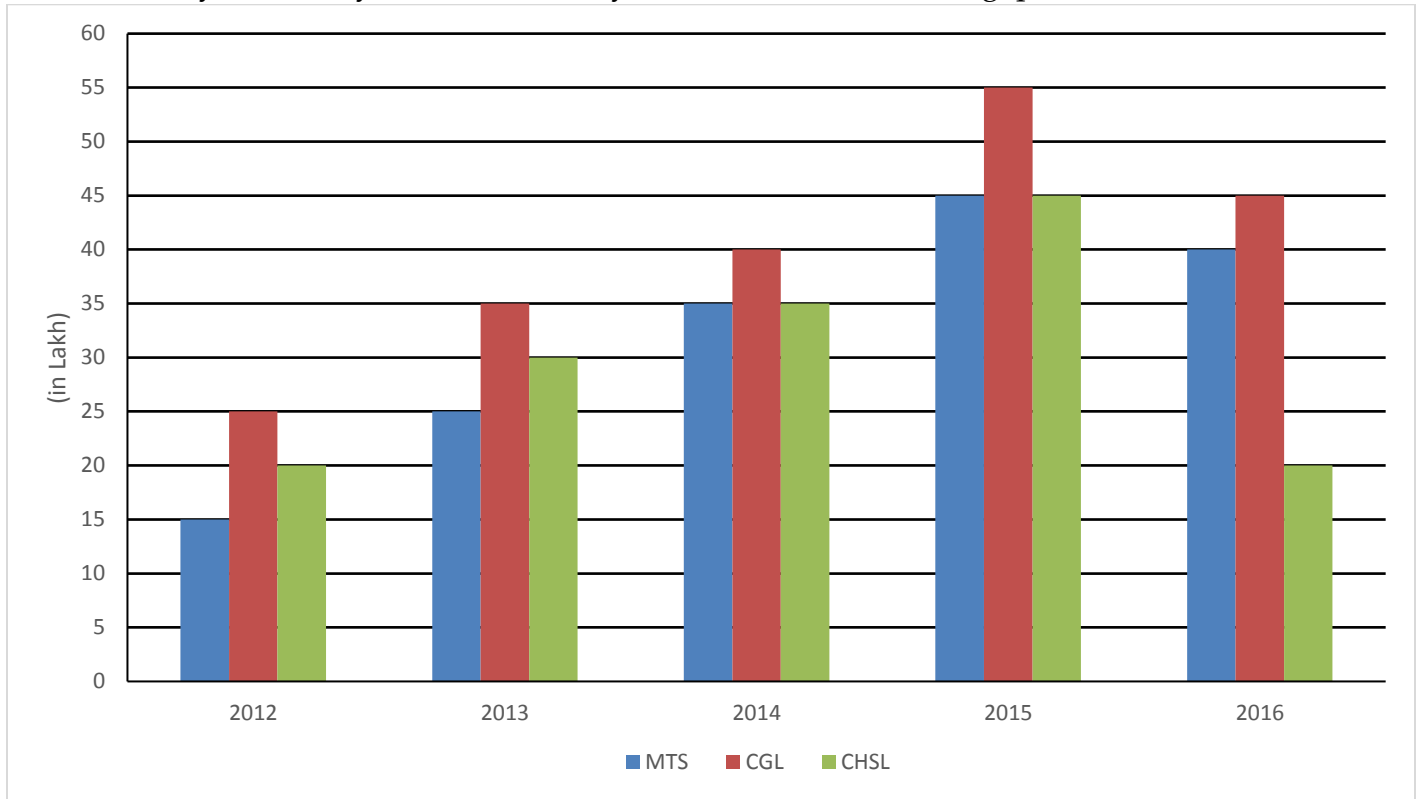
QTags Bar Graph DI

QCreator AYUSH PANDEY

Q10. Total number of markers sold by Deepak, Yogesh and Aman together is how much more than total number of markers sold by Shubham and Inder?

- (a) 150
- (b) 250
- (c) 350
- (d) 450
- (e) 550

**Directions (11-15):-** Bar-chart given below shows students registered for three different exams in five different years. Study the data carefully and answer the following questions.



Q11. Total number of students registered for CGL in all the five years is what percent more than total number of students registered for CHSL in all the five years together?

- (a) 25%
- (b)  $33\frac{1}{3}\%$
- (c)  $66\frac{2}{3}\%$
- (d) 50%
- (e)  $37\frac{1}{2}\%$

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q12. Find the ratio of total students registered for all the three exams in 2012 and 2013 together to total students registered for all the three exams in 2014 and 2015 together?

- (a) 9 : 17

- (b) 2 : 3
- (c) 3 : 5
- (d) 5 : 8
- (e) 10 : 17

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q13. Average number of students registered for MTS exam in all the five years together is how much less/more than average number of students registered for CHSL exam in all the five years together?

- (a) 4
- (b) 0
- (c) 2
- (d) 6
- (e) 8

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q14. Out of total students registered for all the exams in 2016, 80% appeared for exam. Students appeared in MTS, CGL and CHSL are in the ratio 3 : 3 : 1. Find how much percent of students appeared for exam MTS out of students registered for MTS exam in that year?

- (a) 90%
- (b) 80%
- (c) 60%
- (d) 10%
- (e) 20%

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q15. In 2013, out of total students registered for all the three exams, 80% appeared out of which only 25% qualified the exams. Find the number of students appeared in exam but disqualified. (in Lakh)

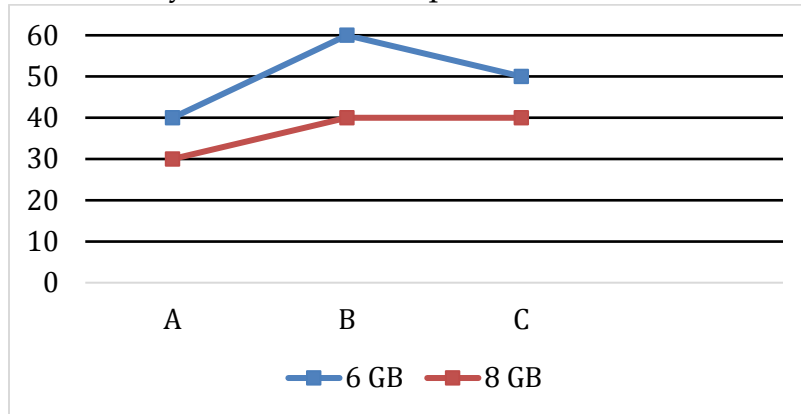
- (a) 18
- (b) 36
- (c) 72
- (d) 54
- (e) 63

L1Difficulty 3

QTags Bar Graph DI

### Quiz - 26

**Direction (1 - 5):** Line graph shows total number (in hundred) of 6GB & 8GB mobile manufactured by three companies and table shows percentage of (6GB + 8GB) mobiles sold by these three companies. Read the data carefully and answer the question.



Companies	% of sold mobiles
A	40%
B	80%
C	60%

Q1. If A & B sold  $45\%$  and  $66\frac{2}{3}\%$  of total 6GB mobile phones manufactured by them respectively, then find total 8 GB mobile phones sold by these two companies are what percent of total mobiles manufactured by B?

- (a) 50%
- (b) 40%
- (c) 45%
- (d) 60%
- (e) 30%

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q2. Average of total unsold mobiles by B & C together is how much more or less than total sold mobiles by C?

- (a) 2400
- (b) 2800
- (c) 2600
- (d) 3200
- (e) 3600

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY



Q3. If ratio of total 6GB to 8 GB mobiles sold by A & C is 5 : 2 and 5 : 4 respectively, then find total 8 GB mobiles sold by these two companies?

- (a) 3600
- (b) 3000
- (c) 4000
- (d) 3200
- (e) 4200

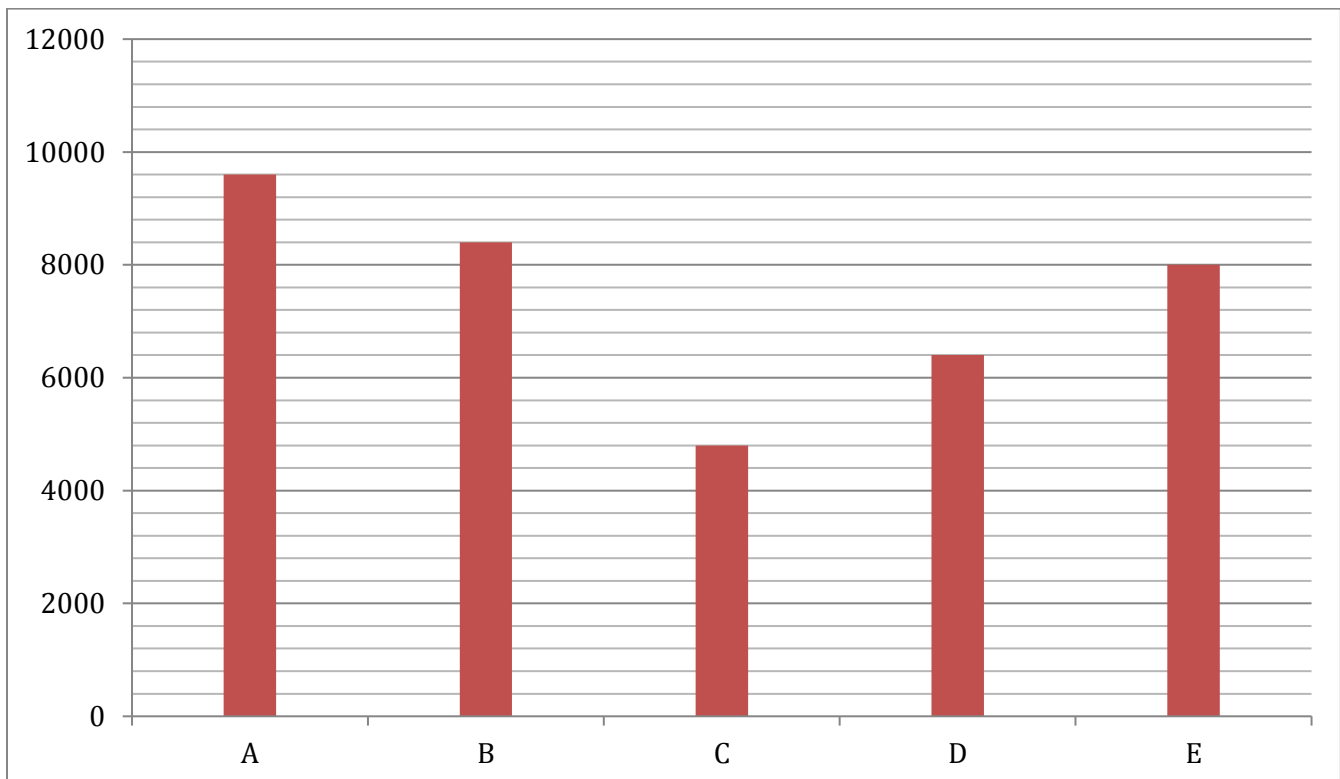
Q4. Total unsold mobiles by A is what percent more than that of by B?

- (a) 110%
- (b) 120%
- (c) 130%
- (d) 105%
- (e) 100%

Q5. Find average number of mobiles sold by all three companies?

- (a) 5200
- (b) 5800
- (c) 4800
- (d) 5400
- (e) 5600

**Direction (6 - 10):** Given below bar graph shows total number of complain registered in five police stations in one year and table shows percentage of complains resolved. Read the data carefully and answer the questions.



Police stations	Percentage of complains resolved
A	25%
B	30%
C	15%
D	12.5%
E	40%

Q6. Find the average number of complains unresolved in police stations A, C, and E?

- (a) 5400
- (b) 5480
- (c) 5360
- (d) 5460
- (e) 5456

Q7. Total complain resolved in police station B is what percent less than total complain resolved in police station A & D together?

- (a) 17.25%
- (b) 15.25%
- (c) 12.25%
- (d) 21.25%
- (e) 27.25%

Q8. Total number of complains resolved in police stations B & E how much more than total complains unresolved in police station C?

- (a) 1640
- (b) 1620
- (c) 1610
- (d) 1660
- (e) 1680

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q9. Find the ratio of total complains resolved in police stations A & D together to total complains unresolved in police station B?

- (a) 90 : 149
- (b) 80 : 147
- (c) 80 : 149
- (d) 80 : 143
- (e) 147 : 80

L1Difficulty 3

QTags Miscellaneous DI

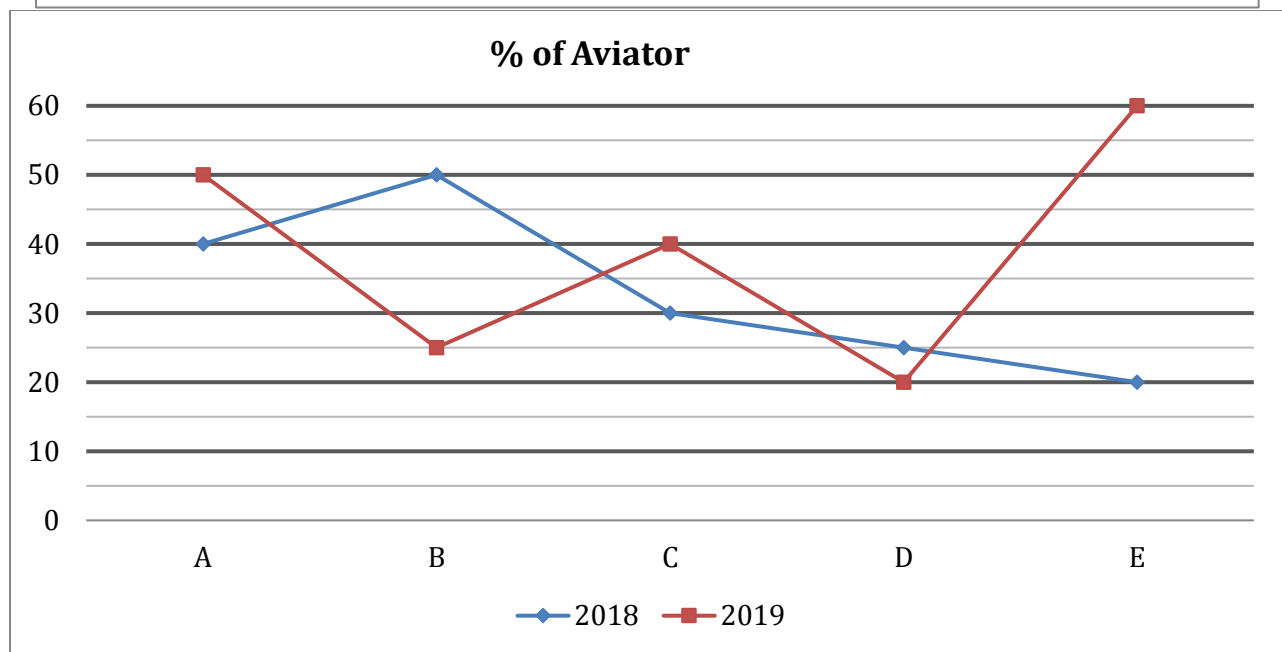
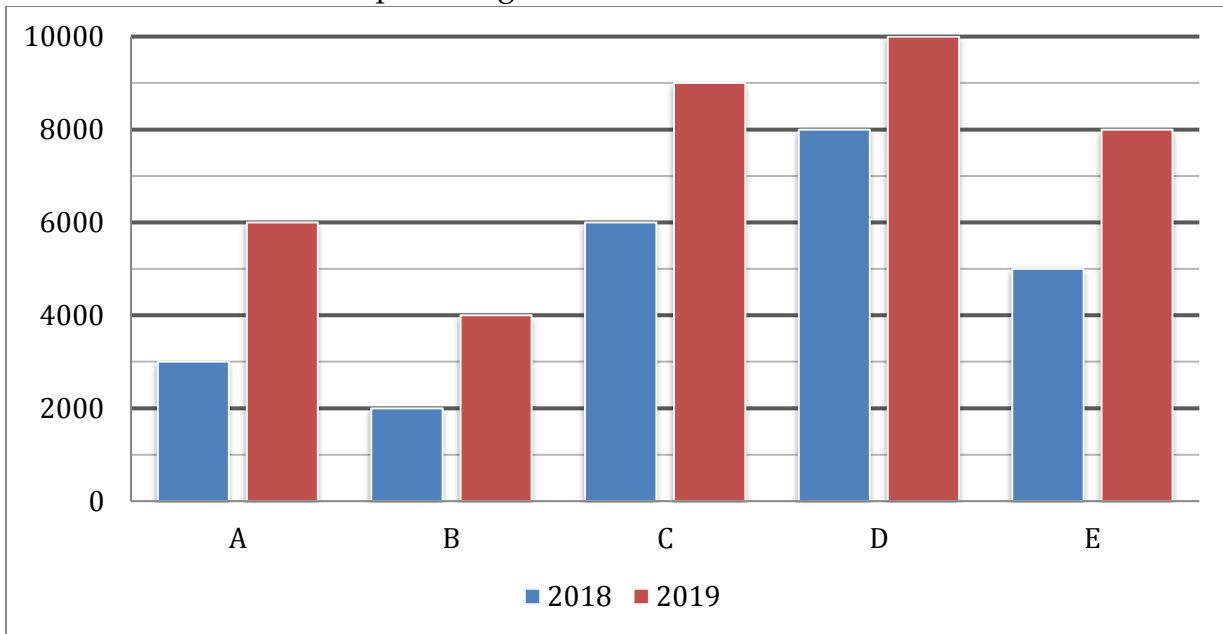
QCreator AYUSH PANDEY

Q10. Total complains unresolved in police station B is what percent more than total complains unresolved in police station E?

- (a) 21.5%
- (b) 22.5%
- (c) 23.5%
- (d) 29.5%
- (e) 32.5%

**Directions (11-15):** Study the charts given below and answer the following questions.

Bar chart shows the total number of Activa & Aviator together in 5 different cities (A, B, C, D & E) in 2018 & 2019 and line chart shows percentage of Aviator in these cities in 2018 & 2019.



Q11. Number of Activa in A & B together in 2019 is what percent of number of Activa in D & E together in 2018?

- (a) 20%
- (b) 50%
- (c) 60%
- (d) 90%
- (e) 80%

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q12. Find average number of aviators in C, D & E in 2018 is how much more or less than average number of aviators in A & D in 2019.

- (a) 1600
- (b) 900
- (c) 1500
- (d) 1000
- (e) 400

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q13. Find number of Activa in A, B & C together in 2018.

- (a) 4000
- (b) 8000
- (c) 5000
- (d) 6000
- (e) 7000

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q14. Number of Avaitor in C & E together in 2019 is what percent more or less than number of Activa in D & E together in 2019?

- (a) 50%
- (b) 35%
- (c) 75%
- (d) 25%
- (e) 60%

Q15. Find number of Aviator in A & B together in 2018.

- (a) 2200
- (b) 3500
- (c) 4200
- (d) 3600
- (e) 4000

## Quiz - 27

**Direction (1–5):** Read the data carefully and answer the questions.

There are 900 players in two PUBG servers 'Asia' & 'Europe' and three levels in each server i.e. Platinum, Gold & Crown.  $18\frac{3}{4}\%$  of total players in Asia are in Crown and  $28\frac{4}{7}\%$  of total players in Europe are in Gold. Sum of total players in Crown in Asia & Players in Gold in Europe is 210.  $19\frac{1}{21}\%$  of total players in Europe are in Crown and 50% of total players in Asia are in Platinum.

Q1. Total players in Platinum in Asia is what percent more than total players in Gold in Europe?

- (a) 75%
- (b) 70%
- (c) 90%
- (d) 100%
- (e) 110%

Q2. Find the ratio of total players in Crown in Europe to total players in Gold in Asia?

- (a) 8 : 15
- (b) 8 : 17
- (c) 8 : 13
- (d) 8 : 11
- (e) 8 : 9

Q3. If in other server 'Middle east' total players are 360 and total players in Gold in Middle east' are 25% more than total players in Crown in Europe, then find total players in Platinum & Crown in 'Middle east' is how much less than total players in Platinum & Crown in Asia?

- (a) 110
- (b) 120
- (c) 80
- (d) 90
- (e) 70

L1 Difficulty 3

Q Tags Caselet

Q Creator AYUSH PANDEY

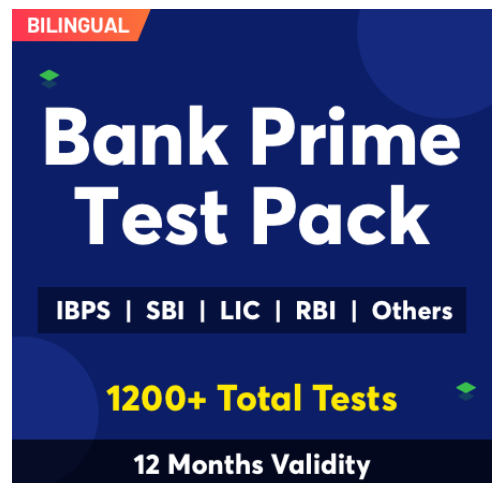
Q4. Find the average number of players in Gold in Asia & Europe?

- (a) 125
- (b) 135
- (c) 120
- (d) 130
- (e) 145

L1 Difficulty 3

Q Tags Caselet

Q Creator AYUSH PANDEY



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Q5. If out of total players in platinum in Asia & Europe, ratio of boys to girl is 5 : 3 and 7 : 4 respectively, then find total boys in platinum from both servers?

- (a) 220
- (b) 260
- (c) 290
- (d) 270
- (e) 250

L1Difficulty 3

QTags Caselet

QCreator AYUSH PANDEY

**Q(56 - 60) RRB clerk pre 11 2020**

**Directions (6-10):** Study the passage given below and answer the following questions.

There are 5 persons - A, B, C, D & E. Amount invested by B is 50% more than amount invested by A and amount invested by A is 80% of amount invested by D, Ratio of amount invested by C to that of E is 1:4. Amount invested by C is 40% of amount invested by D. Average of amount invested by A & E is Rs.30,000.

Q6. Find the amount invested by B & C together?

- (a) Rs.50,000
- (b) Rs.40,000
- (c) Rs.70,000
- (d) Rs.35,000
- (e) Rs.65,000

L1Difficulty 2

QTags Caselet

QCreator AYUSH PANDEY

Q7. Find the average amount invested by C, D & E?

- (a) Rs.30,000
- (b) Rs.20,000
- (c) Rs.25,000
- (d) Rs.15,000
- (e) None of the above.

Q8. If D invested 60% of his total amount in a scheme offering SI at 12% p.a. for 2 years, then find the interest received by D from the scheme.

- (a) Rs.3,600
- (b) Rs.4,500
- (c) Rs.4,400
- (d) Rs.3,200
- (e) Rs.3,500

Q9. Find the ratio of the amount invested by A & B together to the amount invested by C & E together.

- (a) 1:4
- (b) 2:5
- (c) 5:3
- (d) 3:2
- (e) 1:1

L1Difficulty 2

QTags Caselet

QCreator AYUSH PANDEY

Q10. If B lent his total amount to Shivam at CI rate 20% p.a. compounding annually for 2 years, then find the amount paid by Shivam at the end of 2 years to settle off his debt.

- (a) Rs.36,800
- (b) Rs.43,200
- (c) Rs.45,600
- (d) Rs.40,800
- (e) Rs.42,000

L1Difficulty 2

QTags Caselet

QCreator AYUSH PANDEY

Q(46 - 50) RRB clerk pre 16 (2020)

**Directions (11-15):** Read the data given below carefully and answer the following questions.

Veer alone can complete a work in 36 days and Ayush alone can complete the same work in 54 days. The efficiency of Shivam is 50% less than the efficiency of Veer and the time taken by Anurag to complete the same work alone is 45 days less than the time taken by Shivam to complete the same work alone.

Q11. In how many days Shivam alone can complete the same work?

- (a) 64 days
- (b) 72 days
- (c) 74 days
- (d) 60 days
- (e) 54 days

L1Difficulty 2

QTags Caselet

QCreator AYUSH PANDEY

Q12. Find out the number of days taken by Anurag and Ayush together to complete the same work?

- (a) 14 days
- (b) 12 days
- (c) 16 days
- (d) 18 days
- (e) 20 days

Q13. Find the ratio of the efficiency of Veer to that of Anurag respectively to complete the same work?

- (a) 5:4
- (b) 3:4
- (c) 5:3
- (d) 4:3
- (e) 1:1

Q14. The total wage given for the work is Rs. 21000 and all four worked together, then find the wage share of Anurag ?

- (a)Rs. 6400
- (b)Rs. 7200
- (c)Rs. 6600
- (d)Rs. 8400
- (e)Rs. 8000

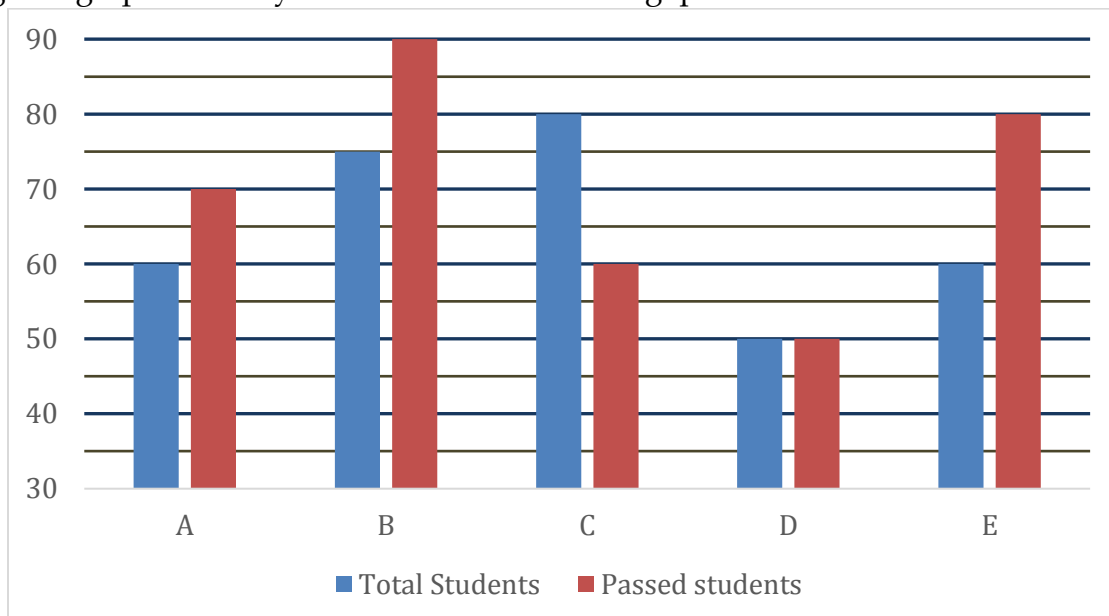
Q15. If Deepak is 25% less efficient than Anurag, then find in how many days Deepak can complete twice of the same work?

- (a) 64 days
- (b) 72 days
- (c) 74 days
- (d) 60 days
- (e) 54 days

### Quiz - 28

**Directions (1-5):-** The bar graph given below shows number of students (in '00) of five different school (A, B, C, D and E) and no. of passed student (in %) in each school.

Study the given graph carefully and answer the following questions.





Q1. Find the ratio between the number of students of school B and no. of passed students from school D.

- (a) 2 : 1
- (b) 1 : 3
- (c) 3 : 1
- (d) 4 : 3
- (e) 2 : 3

Q2. Find the difference between the average no. of passed students from school A and C to that of total number of students of school B.

- (a) 1500
- (b) 2000
- (c) 2500
- (d) 3000
- (e) 1800

L1Difficulty 3

Q3. Students failed from school C is what percent of passed students from school E?

- (a) 150%
- (b)  $66\frac{2}{3}\%$
- (c) 56%
- (d) 125%
- (e) 69%

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q4. In which school number of passed students is maximum?

- (a) B
- (b) D
- (c) A
- (d) E
- (e) C

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

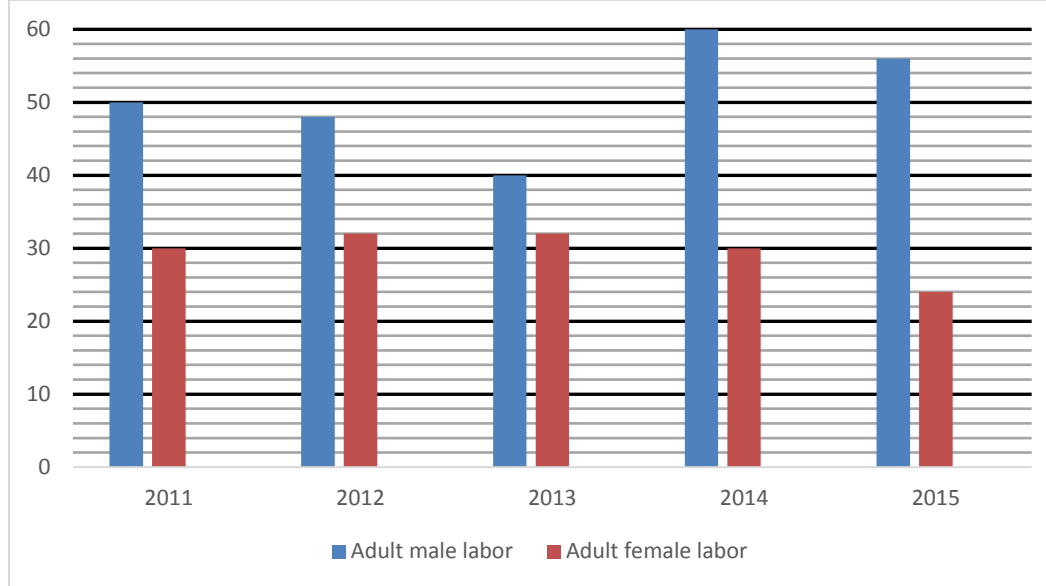
Q5. What is average no. of students passed from school A, C and E?

- (a) 5200
- (b) 4800
- (c) 5000
- (d) 5200
- (e) 4600

L1Difficulty 3

**Direction (6 - 10):** Bar graph given below shows percentage of labor (adult male labor & adult female labor) out of total labor working in a firm 'X' in five different years. Read the data carefully answer the questions.

**Note -** Total labor = (adult male labor + adult female labor + child labor)



Q6. If ratio of girls' child labor to boy's child labor working in the year 2013 is 3 : 4 and their difference is 48, then find the difference between adult male labor and adult female labor working in that year?

- (a) 84
- (b) 96
- (c) 108
- (d) 88
- (e) 72

Q7. Total labor working in 2015 are 20% more than that of total labor working in 2011, then find total adult female labor working in 2015 is what percent more than total child labors working in 2011?

- (a) 42%
- (b) 48%
- (c) 40%
- (d) 36%
- (e) 44%

Q8. If ratio of adult male labors working in 2011 to 2012 is 5 : 4 and total labors working in these two years is 2200, then find total child labors working in these two years?

- (a) 420
- (b) 480
- (c) 440
- (d) 400
- (e) 520

L1Difficulty 3

QTags Bar Graph DI

Q9. A child NGO inspection team in 2014 in the city inspected firm X and imposed fine on firm of Rs. 25 for each child labor. If inspection team imposed total Rs. 2000 on the firm and total child labor working in 2015 are 220 more than that of in 2014, then find ratio of adult male labors working in 2014 and 2015 respectively?

- (a) 3 : 7
- (b) 4 : 9
- (c) 4 : 7
- (d) 4 : 5
- (e) 4 : 3

L1Difficulty 3

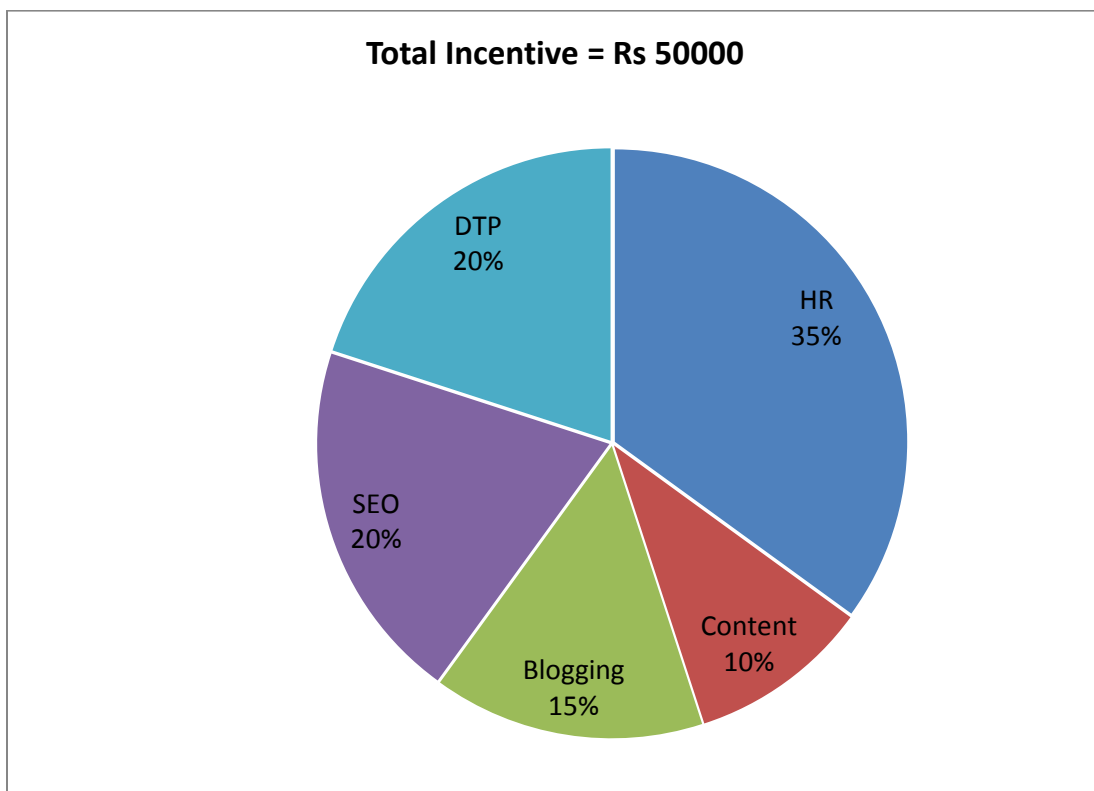
QTags Bar Graph DI

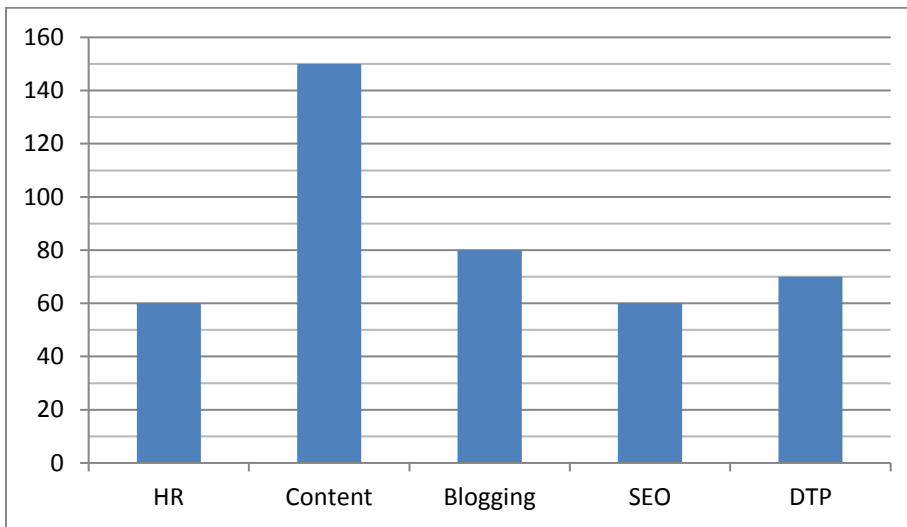
QCreator AYUSH PANDEY

Q10. If ratio of total labors working in 2011, 2012 and 2013 is 8 : 10 : 5 and total adult female workers working in these three years is 720, then find total number of child labors working in these three years?

- (a) 550
- (b) 450
- (c) 400
- (d) 300
- (e) 500

**Directions (11-15):** Given pie chart shows the percentage distribution of incentive received by various employees of different departments in a company. The table shows the data of number of employees in various employees of the company. Study the charts carefully and answer the questions.





Q11. What incentive is given to each employee of HR department?

- (a) Rs 291.67
- (b) Rs 300
- (c) Rs 294.33
- (d) Rs 297.67
- (e) Rs 287

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q12. What is ratio of per head incentive given to employees of Blogging department to that of SEO department?

- (a) 3 : 4
- (b) 4 : 3
- (c) 9 : 16
- (d) 16 : 9
- (e) 1 : 1

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q13. What is average of incentive given to employees of Content, SEO & DTP department?

- (a) 8444
- (b) 8333.33
- (c) 8250
- (d) 8367.67
- (e) None of the above

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q14. Per employee incentive given to Content department is what percent less than per employee incentive given to HR department? (approx)

- (a) 95%
- (b) 93%
- (c) 83%
- (d) 85%
- (e) 89%

L1Difficulty 3

QTags Bar Graph DI

QCreator AYUSH PANDEY

Q15. Which department has received maximum incentive per employee?

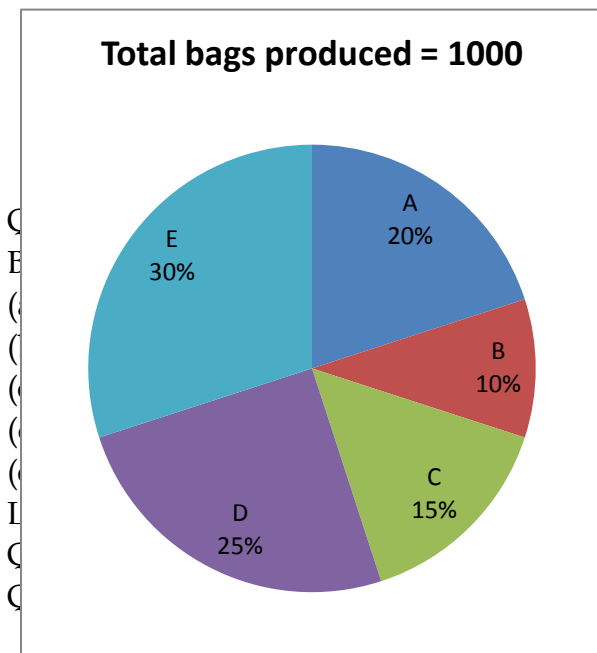
- (a) Content
- (b) HR
- (c) DTP
- (d) Blogging
- (e) SEO

L1Difficulty 3

QTags Bar Graph DI

### Quiz - 29

**Directions (1-5):** Given pie chart shows the percentage distribution of production of bags by 5 different companies while the table shows the data of ratio of duffel bags to backpacks produced by these 5 companies. Study the charts carefully and answer the questions.



Companies	Duffel Bags : Backpacks
A	1 : 1
B	3 : 2
C	8 : 7
D	12 : 13
E	13 : 17

ced by

companies

Q2. What is ratio of backpacks produced by company A & D together to duffel bags produced by company E?

- (a) 22 : 17
- (b) 13 : 23
- (c) 23 : 13

(d) 17 : 22

(e) 23 : 17

Q3. Duffel bags produced by company B are what percent of backpacks produced by company D?

(a)  $46\frac{2}{13}\%$

(b)  $48\frac{2}{13}\%$

(c)  $44\frac{2}{13}\%$

(d)  $50\frac{2}{13}\%$

(e) *None of the above*

Q4. What is average of backpacks produced by company C and D together?

(a) 110

(b) 140

(c) 80

(d) 120

(e) 100

Q5. Total bags produced by company B and E together are what percent of duffel bags produced by company A, D & E together?

(a)  $112\frac{2}{7}\%$

(b)  $114\frac{2}{7}\%$

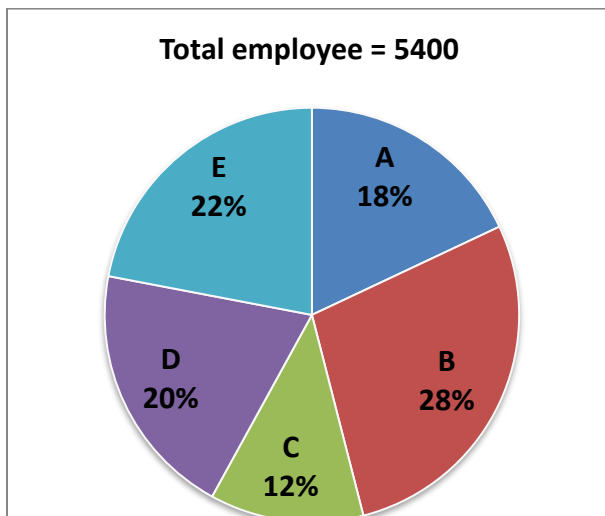
(c)  $110\frac{2}{7}\%$

(d)  $116\frac{2}{7}\%$

(e)  $118\frac{2}{7}\%$

**Directions (6-10):** Study the charts given below carefully and answer the following questions.

Pie chart shows the percentage distribution of total employee in 5 different companies as shown below and table shown below shows the ratio of males to females in these 5 companies.



	Ratio of total males to females(M: F)
A	2:1
B	3:1
C	1:2
D	2:3
E	2:1

Q6. What is the ratio of number of males in company E to the number of females in company D?

- (a) 7: 11
- (b) 9:11
- (c) 11:9
- (d) 11: 7
- (e) 7:13

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q7. Total number of males in company A are approximately what percent of total females in company E?

- (a) 164%
- (b) 152%
- (c) 170%
- (d) 144%
- (e) 138%

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q8. Total males in B, C & D together are what percent of total employees in all 5 companies together?

- (a) 38%
- (b) 33%
- (c) 45%
- (d) 48%
- (e) 52%

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q9. How many females employee are there in all the 5 companies together?

- (a) 2084
- (b) 2304
- (c) 2256
- (d) 2178

(e) 2280

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q10. Find the central angle of total employees from companies B and D together?

(a)  $151.2^\circ$

(b)  $162^\circ$

(c)  $165.6^\circ$

(d)  $187.2^\circ$

(e)  $172.8^\circ$

L1Difficulty 3

QTags Miscellaneous DI

QCreator AYUSH PANDEY

Q(66 - 70) SBI PO PRE 19 (2019)

**Directions (11-15):** Read the given information carefully and answer the following questions.

In a school there are four classes i.e. class VI, VII, VIII and IX. Number of students in class IX is twice of the number of boys in class VIII and is 75% of the number of students in class VII. Ratio of girls in VII to that of in VIII is 6: 5. 40% of the students in class IX are boys and number of girls in class VIII is equal to the number of boys in class VI which is 10 more than number of girls in class IX. Number of girls in class VI is 75% more than number of boys in class VII which is 80% of the number of girls in girls in VIII.

Q11. Number of students in class IX is what percent more than number of boys in class VI?

(a) 40%

(b) 25%

(c) 50%

(d) 60%

(e) 75%

L1Difficulty 3

QTags Caselet

QCreator AYUSH PANDEY

Q12. Find the difference between number of girls in all the given classes together and the number of students in class VI and VII together?

(a) 15

(b) 10

(c) 20

(d) 5

(e) 25

L1Difficulty 3

QTags Caselet

QCreator AYUSH PANDEY



Q13. Find the average of all the students in classes VI, VII and VIII?

- (a) 190
- (b) 195
- (c) 200
- (d) 215
- (e) 205

L1Difficulty 3

QTags Caselet

QCreator AYUSH PANDEY

Q14. Total number of boys in the given classes is what percent more or less than total number of girls in all the given classes?

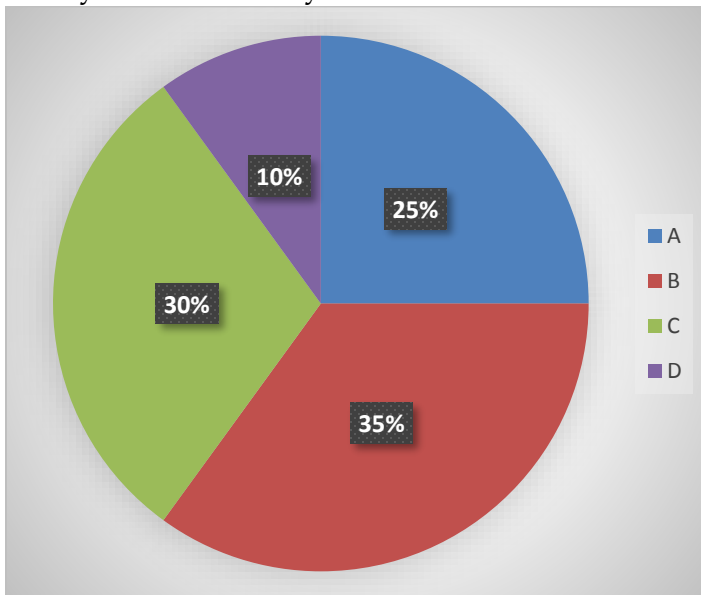
- (a) 30%
- (b) 25%
- (c)  $27\frac{1}{2}\%$
- (d) 40%
- (e) None of the above

Q15. Boys in all the given classes are approximately what percent of the total students in these classes?

- (a) 41%
- (b) 38%
- (c) 43%
- (d) 45%
- (e) 37%

### Quiz - 30

**Direction (1 – 5):** Pie chart shows income distribution of four earning member of a family out of total family income in the year 2016. Read the data carefully and answer the questions.



Q1. If A and C expend 80% and 60% of their income respectively and total saving of both is Rs. 40800, then find the income of C?

- (a) 72000 Rs.
- (b) 78000 Rs.
- (c) 54000 Rs.
- (d) 90000 Rs.
- (e) 60000 Rs.

L1Difficulty 3

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q2. If income of B and D increased by 20% and 40% in the year 2017 over the previous year, then find the ratio of total income of B & D together in 2016 to that of in 2017?

- (a) 3 : 4
- (b) 45 : 56
- (c) 45 : 53
- (d) 47 : 56
- (e) 6 : 7

L1Difficulty 3

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q3. If expenditure of A and B is same, then find difference between saving of A and B is what percent of income of D?

- (a) 112%
- (b) 125%
- (c) 150%
- (d) 100%
- (e) 80%

L1Difficulty 3

QTags Pie Chart DI

QCreator AYUSH PANDEY

Q4. If difference between income of A & D is Rs. 30000 in 2016 and income of B & C increased by 40% and 20% respectively in the year 2017 over 2016, then find difference between income of B & C in the year 2017?

- (a) 24000 Rs.
- (b) 26000 Rs.
- (c) 20000 Rs.
- (d) 28000 Rs.
- (e) 32000 Rs.

L1Difficulty 3

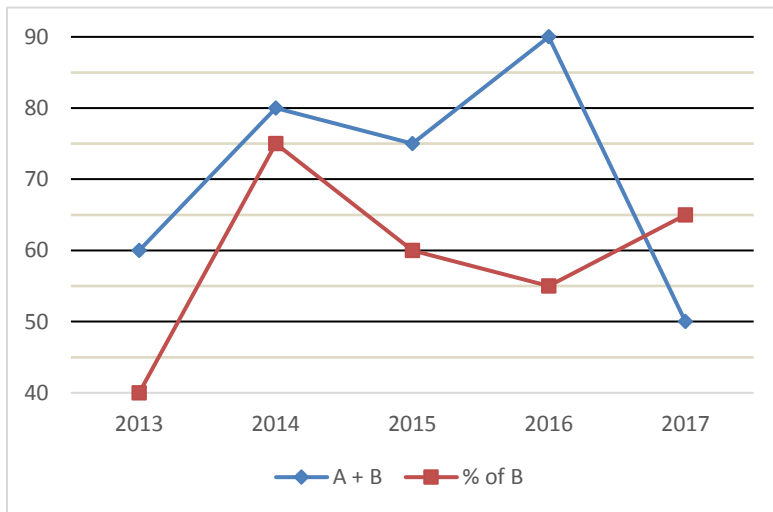
QTags Pie Chart DI

QCreator AYUSH PANDEY

Q5. What will be central angle for income of A & D together?

- (a)  $128^\circ$
- (b)  $136^\circ$
- (c)  $126^\circ$
- (d)  $144^\circ$
- (e)  $120^\circ$

**Directions (6-10):** Line graph given below shows total number of books (in hundred) printed by two different publishers A and B together and shows percentage of books printed by publisher B out of total books printed. Read data carefully and answer the following questions:



Q6. Total books printed by publisher B in year 2015 and 2016 together is what percent more than total books printed by publisher A in year 2013?

- (a) 162.5%
- (b) 160.25%
- (c) 164.25%
- (d) 158.25%
- (e) 166.25%

L1Difficulty 3

QTags Line Graph DI

QCreator AYUSH PANDEY

Q7. What is the average number of books printed by publisher A in 2013, 2015 & 2016?

- (a) 3250
- (b) 3750
- (c) 3500
- (d) 3550
- (e) 3600

L1Difficulty 3

QTags Line Graph DI

QCreator AYUSH PANDEY

Q8. Books printed by A in year 2018 is half of the total books printed by both in year 2014 and ratio of books printed by publisher A to B in year 2018 is 5 : 3. Then books printed by publisher B in the year 2018 is how much less than books printed by A in year 2015?

- (a) 800
- (b) 400
- (c) 600
- (d) 200
- (e) 500

Q9. If books printed in 2016 by publisher A is sold at the profit of 25% and selling price of each book is Rs 350, then find the total cost price of all the books which is sold by publisher A in 2016(in Rs.) (A sold all books)?

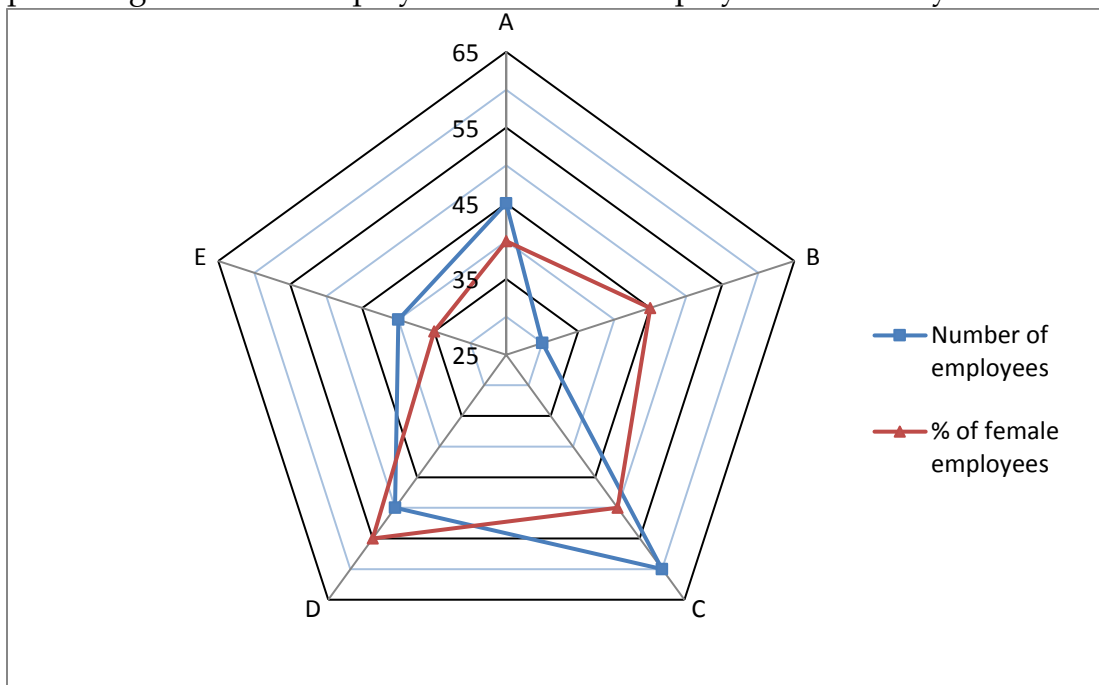
- (a) 11,36,000
- (b) 11,42,000
- (c) 11,48,000
- (d) 11,32,000
- (e) 11,34,000

Q10. What is the ratio of books printed by publisher A in 2014 and 2017 together to books printed by publisher B in the year 2016?

- (a) 25 : 29
- (b) 25 : 27
- (c) 25 : 31
- (d) 25 : 33
- (e) 25 : 36

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

Given radar graph shows the number of employees (in '000) in 5 companies - A, B, C, D & E and percentage of female employees out of total employees in these 5 years.



Q11. Number of male employees in company - A & C together is what percent more or less than total employees in company - B?

- (a) 80%
- (b) 70%
- (c) 60%
- (d) 90%
- (e) 50%

L1Difficulty 3

QTags Radar

QCreator AYUSH PANDEY

Q12. Find ratio of female employees of company - A & B together to male employees of company - B & D together.

- (a) 4 : 5
- (b) 21 : 26
- (c) 3 : 8
- (d) 14 : 17
- (e) 11 : 16

L1Difficulty 3

QTags Radar

QCreator AYUSH PANDEY

Q13. Male employees of company - E is how much more or less than the average of female employees of company - A, B & C?

- (a) 3000
- (b) 4500
- (c) 4000
- (d) 5500
- (e) 5000

L1Difficulty 3

QTags Radar

QCreator AYUSH PANDEY

Q14. If male employees of company - F is 30% more than male employees of company - A and female employees of company - F is 200% of female employees of company - E, then find the difference between total employees of company - D and company - F.

- (a) 13100
- (b) 18200
- (c) 33800
- (d) 3300
- (e) 23600

L1Difficulty 3

QTags Radar

QCreator AYUSH PANDEY

Q15. Male employees of company - B and total female employees of company - A & C together is what percent of total employees of company - D & E together?

- (a)  $82\frac{1}{3}\%$
- (b)  $56\frac{1}{3}\%$
- (c)  $71\frac{2}{3}\%$
- (d)  $63\frac{2}{3}\%$
- (e) None of the above.

L1Difficulty 3

QTags Radar

### Quiz - 31

**Directions (1-10):** What will come in place of (?) in the following questions?

Q1 (?)% of 350 - (19)<sup>2</sup> + 28 × 45 = 1032

- (a) 48
- (b) 38
- (c) 26
- (d) 44
- (e) 56

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q2. (?)<sup>2</sup> - 31 × 7 =  $\sqrt{1521}$  + 12 × 35

- (a) 26
- (b) 38
- (c) 21
- (d) 24
- (e) 18

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q3. 46% of 1500 + 36% of 750 =? + 28 × 15

- (a) 570
- (b) 500
- (c) 450
- (d) 540
- (e) 640

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY



TEST SERIES  
Bilingual

SBI CLERK 2021  
PRIME

100+ TOTAL TESTS

Q4.  $? \times 13 = 26\frac{5}{6} \times 6\frac{18}{23}$

- (a) 20
- (b) 18
- (c) 21
- (d) 14
- (e) 15

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q5  $(? + 26)\% \text{ of } 1200 + 375 \div 75 \times 4 = 500$

- (a) 18
- (b) 12
- (c) 14
- (d) 16
- (e) 10

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q6.  $\frac{640}{?} = ((15)^3 - 225 \times 12) \div 33.75$

- (a) 18
- (b) 40
- (c) 45
- (d) 32
- (e) 26

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q7.  $?^2 + 224 - 96 = 85\% \text{ of } 280 + 34$

- (a) 18
- (b) 12
- (c) 16
- (d) 14
- (e) 8

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q8.  $\sqrt{1521} + (21)^2 - 18 \times 5 = 5 \times ?$

- (a) 80
- (b) 78
- (c) 64
- (d) 70
- (e) 96

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q9.  $48\% \text{ of } 800 + 125\% \text{ of } 1200 - 120 = (?)^2$

- (a) 42
- (b) 58
- (c) 36
- (d) 40
- (e) 50

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q10.  $? \% \text{ of } 700 + 18 = 751 + 332 + 83$

- (a) 172
- (b) 164
- (c) 128
- (d) 142
- (e) 198

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

**Directions (11-15):** - What approximate value should come in place of question mark (?) in the following questions?

Q11.  $39.99\% \text{ of } 285.01 + 60.01\% \text{ of } 174.99 = ? \times 72.99$

- (a) 4
- (b) 5
- (c) 6
- (d) 3
- (e) 2

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY

Q12.  $379.01 - 19.98\% \text{ of } 769.9 = (? + 6.01)^2$

- (a) 12
- (b) 10
- (c) 8
- (d) 7
- (e) 9

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY



Q13.  $(223.04 + 226.979) \div 8.97 = ? \times 10.010$

- (a) 2
- (b) 5
- (c) 8
- (d) 10
- (e) 12

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY

Q14.  $\sqrt{1443} - \sqrt{840} = \sqrt{?} - \sqrt{323}$

- (a) 729
- (b) 841
- (c) 900
- (d) 784
- (e) 676

L1Difficulty 2

QTags Approximation

QCreator AYUSH PANDEY

Q15.  $9.9 \times 99.9 \times 999.99 = 9999.99 \times ?$

- (a) None of these
- (b) 10000
- (c) 1000
- (d) 10
- (e) 100

L1Difficulty 2

QTags Approximation

### Quiz - 32

**Direction (1-5):** Find out the missing number in the given number series.

Q1. 728, 513, 342, 217, 124, ?

- (a) 62
- (b) 60
- (c) 63
- (d) 65
- (e) 64

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q2. 26, 52, 156, 624, ? 18720

- (a) 3080
- (b) 3060
- (c) 3020
- (d) 3130
- (e) 3120

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q3. 1, 2, 5, 10, 17, ?

- (a) 24
- (b) 25
- (c) 26
- (d) 27
- (e) 28

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q4. 137, 124, 109, 92, 73, ?

- (a) 52
- (b) 50
- (c) 55
- (d) 48
- (e) 49

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q5. 16, 85, 344, ?, 2072, 2073

- (a) 1032
- (b) 1033
- (c) 1037
- (d) 1042
- (e) 1035

**Direction (6 - 10):** Find the wrong number in following number series:

Q6. 12, 39, 63, 90, 104, 141, 165

- (a) 104
- (b) 39
- (c) 90
- (d) 141
- (e) 165

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q7. 13, 40, 56, 181, 217, 562, 624

- (a) 13
- (b) 40
- (c) 181
- (d) 562
- (e) 217

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q8. 112, 128, 108, 132, 104, 134, 100

- (a) 112
- (b) 128
- (c) 134
- (d) 108
- (e) 100

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q9. 120, 145, 168, 197, 224, 255, 288

- (a) 288
- (b) 197
- (c) 145
- (d) 255
- (e) 120

L1Difficulty 2

QTags Wrong Series

QCreator AYUSH PANDEY

Q10. 5, 6, 14, 45, 184, 920, 5556

- (a) 5
- (b) 6
- (c) 14
- (d) 920
- (e) 45

**Direction (11-15):** Find out the missing number in the given number series.

Q11. 111, 207, 302, 396, 489, ?

- (a) 560
- (b) 581
- (c) 551

(d) 542

(e) 576

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q12. 101, 82, 65, 50, 37, ?

(a) 23

(b) 28

(c) 27

(d) 26

(e) 24

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q13. 40, 60, 120, 300, 900, ?

(a) 3110

(b) 3230

(c) 3600

(d) 3560

(e) 3150

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q14. 1012, 945, 878, 811, 744, ?

(a) 677

(b) 659

(c) 685

(d) 666

(e) 648

L1Difficulty 2

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q15. 13122, 4374, 1458, 486, 162, ?

(a) 71

(b) 54

(c) 64

(d) 60

(e) 81

## Quiz - 33

**Directions (1-5):** Solve the given quadratic equations (I) & (II) and mark the correct option based on your answer –

Q1. I.  $x^2 + 9x + 20 = 0$

II.  $y^2 + 12y + 35 = 0$

- (a)  $x < y$
- (b) No relation can be established between  $x$  and  $y$ .
- (c)  $x > y$
- (d)  $x \leq y$
- (e)  $x \geq y$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q2. I.  $x = \sqrt[3]{512}$

II.  $y^2 = 64$

- (a)  $x > y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x < y$
- (e) No relation can be established between  $x$  and  $y$ .

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q3. I.  $x^2 - 21x + 108 = 0$

II.  $y^2 - 25y + 156 = 0$

- (a)  $x > y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x < y$
- (e) No relation can be established between  $x$  and  $y$ .

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q4. I.  $x^2 + 19x + 78 = 0$

II.  $y^2 + 21y + 104 = 0$

- (a)  $x > y$
- (b)  $x \leq y$
- (c)  $x \geq y$
- (d)  $x < y$
- (e) No relation can be established between  $x$  and  $y$ .

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q5. I.  $x^2 = 225$

II.  $y = \sqrt{196}$

(a)  $x > y$

(b)  $x \leq y$

(c)  $x \geq y$

(d)  $x < y$

(e) No relation can be established between  $x$  and  $y$ .

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

**Direction (6-10):** Solve the given quadratic equations and mark the correct option based on your answer.

(a) if  $x > y$

(b) if  $x \geq y$

(c) if  $x < y$

(d) if  $x \leq y$

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

Q6. I.  $x^2 - 21x + 98 = 0$

II.  $y^2 - 22y + 85 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q7. I.  $x^2 + 16x + 39 = 0$

II.  $y^2 + 24y + 108 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q8. I.  $x^2 + 5x - 14 = 0$

II.  $y^2 - 15y + 56 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q9. I.  $x^2 + 20x - 96 = 0$

II.  $y^2 + 7y - 78 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q10. I.  $x^2 + 50x + 625 = 0$

II.  $y^2 + 45y + 500 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

**Direction (11-15):** Solve the given quadratic equations and mark the correct option based on your answer.

(a) if  $x > y$

(b) if  $x \geq y$

(c) if  $x < y$

(d) if  $x \leq y$

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

Q11. I.  $x^2 + 10x + 21 = 0$

II.  $y^2 + 11y + 28 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q12. I.  $2x^2 - 19x + 44 = 0$

II.  $y^2 - 14y + 45 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q13. I.  $x^2 - 22x + 85 = 0$

II.  $5y^2 - 11y + 6 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q14. I.  $x^2 = \sqrt{256}$

II.  $(y+4)^2 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q15. I.  $x^2 + 18x + 72 = 0$

II.  $y^2 + 12y + 36 = 0$

## Quiz - 34

**Direction (1-5):** Solve the given quadratic equations and mark the correct option based on your answer.

- (a)  $x > y$
- (b)  $x \geq y$
- (c)  $x < y$
- (d)  $x \leq y$
- (e)  $x = y$  or no relation.

Q1. I.  $x^2 + 6x + 5 = 0$

II.  $y^2 + 6y + 8 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q2. I.  $x^2 - 9x + 14 = 0$

II.  $y^2 - 16y + 63 = 0$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator SHI AYUSH PANDEY VAM JINDAL

Q3. I.  $2x^2 - 17x + 35 = 0$

II.  $(y + 7)^3 = 2197$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q4. I.  $(x + 16)^2 = 529$

II.  $y^3 = 343$

L1Difficulty 2

QTags Quadratic Inequalities

QCreator AYUSH PANDEY

Q5. I.  $x^2 - 10x + 21 = 0$

II.  $6y^2 - 23y + 20 = 0$

**Direction (6-10):** What will come in place of question mark(?) in the following number series.

Q6. 8, 12, 20, 36, 68, ?

- (a) 132
- (b) 120
- (c) 124
- (d) 136
- (e) 128

L1Difficulty 2



QTags MISSING SERIES Quant  
QCreator AYUSH PANDEY

Q7. 0.25, 0.5, ?, 12, 96, 960

- (a) 1
- (b) 1.5
- (c) 3
- (d) 2
- (e) 2.75

L1Difficulty 2

QTags MISSING SERIES Quant  
QCreator AYUSH PANDEY

Q8. ?, 164, 284, 484, 764, 1124

- (a) 120
- (b) 124
- (c) 116
- (d) 108
- (e) 136

L1Difficulty 2

QTags MISSING SERIES Quant  
QCreator AYUSH PANDEY

Q9. 1600, 1088, 1039, 823, 798, ?

- (a) 687
- (b) 699
- (c) 734
- (d) 712
- (e) 727

L1Difficulty 2

QTags MISSING SERIES Quant  
QCreator AYUSH PANDEY

Q10. 147, ?, 103, 84, 67, 52

- (a) 124
- (b) 119
- (c) 125
- (d) 116
- (e) 122

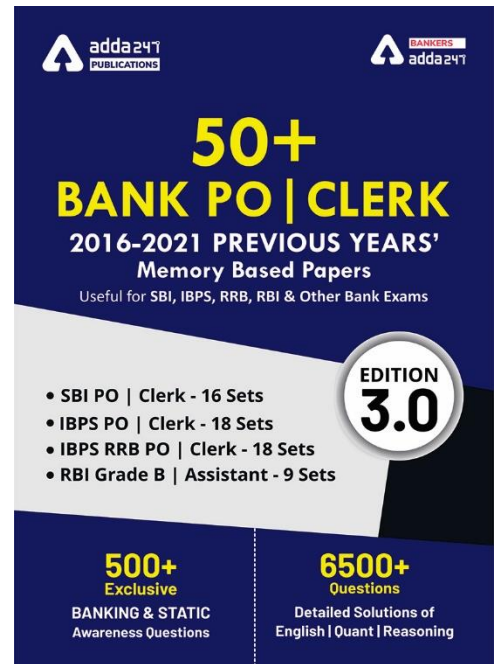
L1Difficulty 2

QTags MISSING SERIES Quant  
QCreator AYUSH PANDEY

**Direction (11-15):** What will come in place of question mark (?) in the following questions?

Q11.  $18^2 + 22^2 = ? + 8^3$

- (a) 288



(b) 274

(c) 292

(d) 280

(e) 296

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q12. ?% of 800 = 30% of 100 + 20% of 650

(a) 12

(b) 18

(c) 24

(d) 16

(e) 20

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q13.  $345 + 727 - 628 = ?$

(a) 450

(b) 444

(c) 448

(d) 455

(e) 460

L1Difficulty 2

QTags Simplification

QCreator AYUSH PANDEY

Q14.  $? - 16^2 = 428 - 298$

(a) 386

(b) 388

(c) 378

(d) 374

(e) 394

Q15.  $4\frac{5}{8} + \frac{3}{2} - 2\frac{2}{3} = ?$

(a)  $2\frac{7}{24}$

(b)  $3\frac{11}{24}$

(c)  $6\frac{11}{24}$

(d)  $5\frac{5}{24}$

(e)  $4\frac{7}{24}$

## Quiz - 35

Q1. Difference between 40% of y and 20% of x is 270 whereas difference between 40% of x and 20% of y is zero. Find the sum of 'x' and 'y' ?

- (a) 1250
- (b) 1400
- (c) 1200
- (d) 1350
- (e) 1500

L1Difficulty 2

QTags Percentage

QCreator AYUSH PANDEY

Q37, SBI clerk pre 2 (2018)

Q2. In an election between P and Q , if  $\frac{2}{5}$  th of the total voters promised to vote for P and rest promised to vote for Q. On the voting day 25% of the voters went back on their promise to vote for P & 30% of the voters went back on their promise to vote for Q. Find the total no. of voters, if Q wins by 400 votes.

- (a) 8000
- (b) 10000
- (c) 15000
- (d) 5000
- (e) 12000

L1Difficulty 3

QTags Percentage

QCreator AYUSH PANDEY

**Q(3 -6) Age and Average PPT RBI assistant Pre ultimate**

Q3. Present age of two friends, Veer and Rohit is in the ratio of 7 : 5. Arun is 10 years elder than Rohit. 10 years ago ratio of age of Veer and Arun is 16 : 15. Find the present age of Rohit.

- (a) 42 years
- (b) 40 years
- (c) 30 years
- (d) 20 years
- (e) 28 years

Q4. Seven years ago ratio of age of Abhi and Rahul is 5 : 3 and 8 years hence their ratio of ages are 3 : 2. Find the age of Sati whose present age is equal to average of present age of Abhi and Rahul ?

- (a) 53 years
- (b) None of these
- (c) 58 years
- (d) 63 years
- (e) 67 years

L1Difficulty 2

QTags Ages

QCreator AYUSH PANDEY

Q5. Mohan was married 5 years ago. At present his age is  $\frac{6}{5}$  times of his age at the time of marriage. His wife is 3 year younger to him. Find his wife's present age.

- (a) 22
- (b) 27
- (c) 21
- (d) 24
- (e) None of these

L1Difficulty 2

QTags Ages

QCreator AYUSH PANDEY

Q6. Aman's age is twice the Rahul's age who is 5 years older than Arun. If the total age of Rahul, Aman and Arun is 79. Then find the difference between Aman's age and Arun's age.

- (a) 30 years
- (b) 19 years
- (c) 26 years
- (d) 16 years
- (e) 35 years

L1Difficulty 2

QTags Ages

QCreator AYUSH PANDEY

Q47 & 48, SBI clerk pre 1 (2018)

Q7. a, b, c and d are four consecutive even numbers, if the sum of 'a' and 'c' is 120, what is the product of 'b' and 'd'?

- (a) 4030
- (b) 3780
- (c) 3900
- (d) 3750
- (e) 3840

L1Difficulty 2

QTags Number System

QCreator AYUSH PANDEY

Q8. Three numbers are given. The average of first and third numbers is 24 more than that of average of second and third numbers. Find out the difference between the first and second numbers.

- (a) 36
- (b) 40
- (c) 42
- (d) 48
- (e) 46

Q9. The sum of digits of a two-digit number is 12 and the difference between the two-digits of the two-digit number is 6. What is the two-digit number?

- (a) 39
- (b) 28
- (c) 93
- (d) 75
- (e) Either (a) or (c)

L1Difficulty 2

QCreator AYUSH PANDEY

Q10. Present average age of a couple is 29 years after 2 year and 4 year respectively a boy child and a girl child is born. Find the average age of family after 8 year of present time?

- (a) 18
- (b) 19
- (c) 20
- (d) 21
- (e) 22

L1Difficulty 2

QTags Average

QCreator AYUSH PANDEY

Q37 & 39, SBI clerk pre 4 (2018)

Q11.  $\frac{2}{3}$ rd of first number is equal to the cube of the second number. If the second number is equal to 12% of 100, what is sum of the first & 2<sup>nd</sup> number?

- (a) 2408
- (b) 2640
- (c) 2426
- (d) 2604
- (e) 2804

L1Difficulty 2

QTags Fraction

QCreator AYUSH PANDEY

Q12. The present age of Bhagat and Abhi are in ratio of 9 : 8 respectively. After 10 years the ratio of their ages will be 10 : 9. What is the difference in their present age ?

- (a) 8 years
- (b) 6 years
- (c) 12 years
- (d) 4 years
- (e) 10 years

L1Difficulty 2

QTags Ages

QCreator AYUSH PANDEY

Q57 & 60, SBI clerk pre 4 (2018)

Q13. If income & saving ratio of a person is 25 : 9. If saving increases  $\frac{1}{3}$ <sup>rd</sup> & expenditure increases by 25% & income increases by Rs. 2100. Then find the initial saving?

- (a) Rs. 3200
- (b) Rs. 3500
- (c) Rs. 5600
- (d) Rs. 2700
- (e) Rs. 4200

L1Difficulty 2

QTags Ratio and Proportion

QCreator AYUSH PANDEY

Q14. Sum of four consecutive even numbers is 49 more than sum of three consecutive odd numbers and the sum of lowest odd and lowest even number is 23. Find the largest even number.

- (a) 28
- (b) 36
- (c) 18
- (d) 32
- (e) 22

L1Difficulty 2

QTags Number System

QCreator AYUSH PANDEY

Q48, SBI clerk pre 5 (2018)

Q15.  $\frac{3}{25}$  students who registered in an exam did not appeared  $\frac{5}{9}$  student who appeared in the exam failed in the exam. If 1800 is total number of students who registered then, find the number of students who passed the exam?

- (a) 120
- (b) 96
- (c) 704
- (d) 880
- (e) 780

L1Difficulty 2

QTags Fraction

### Quiz - 36

Q1. An alloy 'A' made of Copper and Zinc contain 40% copper and another alloy 'B' having same elements contain 30% zinc. A new alloy is made by mixing both alloys which contain 60% copper. Find the ratio of quantity of alloy A and alloy B in the new alloy?

- (a) 1 : 2
- (b) 3 : 4
- (c) 2 : 1
- (d) 4 : 3
- (e) 5 : 3

Q2. A mixture of milk and water contains 75% milk. If 8 liter of mixture is taken out and 7 liters of milk is added, then ratio of milk to water becomes 7 : 2. Find the quantity of mixture initially.

- (a) 75 L
- (b) 64 L
- (c) 68 L
- (d) 56 L
- (e) 40 L

L1Difficulty 3

QTags Mixture and allegation

QCreator AYUSH PANDEY

Q52 sbi clerk pre 02 2019

Q3. Manoj invests Rs. 1800 in two parts at SI at 4% and  $x\%$  for two years. When he invests larger part at  $x\%$  and smaller part at 4% then he gets total of Rs. 164 as interest and when he invests larger part at 4% and smaller part at  $x\%$  then he gets total of Rs. 160 as interest. Find value of  $x\%$ ?

- (a) 5%
- (b) 6%
- (c) 3%
- (d) 7%
- (e) None of these

L1Difficulty 3

QTags Simple Interest

QCreator AYUSH PANDEY

Q51 sbi clerk pre 03 2019

Q4. Harsh borrow Rs. 400 at 10% rate of interest. He paid Rs.200 and Rs.64 at the end of 1st and 2<sup>nd</sup> year respectively. Then find how much money he will pay at the end of 3<sup>rd</sup> year to clear his debt?

- (a) Rs. 200
- (b) Rs. 240
- (c) Rs. 264
- (d) Rs. 220
- (e) Rs. can't be determined.

L1Difficulty 3

QTags Simple Interest

QCreator AYUSH PANDEY

Q52 sbi clerk pre 03 2019

Q5. A container has mixture of water and acid in which water is 40% out of total mixture of 50 lit. if 30 lit of the mixture is taken out and 50 lit of another mixture of water and acid is added and in second mixture acid is 40%, then find ratio of water to acid in final mixture.

- (a) 16:19
- (b) 8:7
- (c) 19:16
- (d) 7:8
- (e) 17:19

Q6. A, B and C invest in a partnership in ratio 5:3:7 and investment of A is Rs. 200 less than investment of C. Partner B invests for  $\frac{1}{5}$ th and A and C invest for  $\frac{1}{12}$ th and  $\frac{1}{15}$ th respectively of total time of investment. If profit of B is Rs. 800 more than that of C than find profit of A.

- (a) Rs. 1000
- (b) Rs. 2500
- (c) Rs. 2800
- (d) Rs. 1400
- (e) Rs. 3600

L1Difficulty 3

QTags Partnership

QCreator AYUSH PANDEY

Q59 sbi clerk pre 04 2019

Q7. Manoj invested a sum at x% per annum at C.I. If first year and second year C.I on that sum is Rs. 845 and Rs. 910 Find Amount invested?

- (a) Rs. 10985
- (b) Rs. 10000
- (c) Rs. 13000
- (d) Rs. 10900
- (e) Rs. 13985

L1Difficulty 3

QTags Compound Interest

QCreator AYUSH PANDEY

Q48 sbi clerk pre 05 2019

Q8. Harish borrowed certain sum from Harsh for 2 years at SI. Harish lent this sum to Dinesh at the same rate for 2 years at Compound Interest. At the end of second year, Harish received Rs 550 as compound interest but paid Rs 500 as simple interest. Find the rate of interest.

- (a) 25%
- (b) 20%
- (c) 15%
- (d) 22.5%
- (e) 32%

Q9. Two type of rice Rs.90 per kg and Rs. 40 per kg are mixed in the ratio of 5 :3, then what will be the price per kg of the mixture?

- (a) Rs 67.25
- (b) Rs 72.75
- (c) Rs 75.5
- (d) Rs 62.25
- (e) Rs 71.25



Q10. A container contains milk and water in ratio 13 : 7. When 30 lit mixture is taken out of x lit mixture and 2.5 lit of milk is added then quantity of milk becomes  $66\frac{2}{3}\%$  of total mixture. Find 'x'.

- (a) 80 lit
- (b) 70 lit
- (c) 90 lit
- (d) 100 lit
- (e) 75 lit

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

Q56 sbi clerk pre 07 2019

Q11. Dinesh started a business with investing Rs 12000 and after some months, Sunny joined with investing Rs 9000. At the end of the year, total profit was Rs 8000 and share of Sunny is Rs 1600. Find after how many months did sunny joined in the business?

- (a) 6 months
- (b) 4 months
- (c) 9 months
- (d) 3 months
- (e) 8 months

Q59 sbi clerk pre 07 2019

L1Difficulty 2

QTags Partnership

QCreator AYUSH PANDEY

Q12. If the compound interest on a certain sum for 2 years is Rs 308 and simple interest at same rate of interest and for same time is 280. Find the sum?

- (a) Rs 700
- (b) Rs 1200
- (c) Rs 1100
- (d) Rs 500
- (e) Rs 900

L1Difficulty 2

QTags Compound Interest

QCreator AYUSH PANDEY

Q41 sbi clerk pre 08 2019

Q13. A sum of money amounts to Rs 868 in 4 years at a simple interest. If the rate of interest increased by 25%, then the sum amounts to Rs 910 during the same period. Find the sum?

- (a) Rs 650
- (b) Rs 750
- (c) Rs 850
- (d) Rs 700
- (e) Rs 600

Q14. A vessel contains 240 liters of petrol. 20 liters of petrol taken out from it and completely replaced by kerosene and then again from the mixture 20 liters of mixture taken out and completely replaced by kerosene. Find the remaining quantity of petrol in the final mixture.

- (a) 166.67 lit
- (b) 233.33 lit
- (c) 217.17 lit
- (d) 165.5 lit
- (e) 201.67 lit

L1Difficulty 2

QTags Mixture and allegation

QCreator AYUSH PANDEY

Q36 sbi clerk pre 09 2019

Q15. A invested Rs.2000 and B invested Rs.500 more than A. After 8 months C invested Rs.1500. At the end of the year C got profit of Rs.350. Find total profit.

- (a) Rs.3500
- (b) Rs.4200
- (c) Rs.2800
- (d) Rs.4900
- (e) Rs.2100

L1Difficulty 2

QTags Partnership

QCreator AYUSH PANDEY



**BILINGUAL**

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