



DR_Non IT_Batch-1

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Started on Saturday, 30 October 2021, 9:42 AM**State** Finished**Completed on** Saturday, 30 October 2021, 10:42 AM**Time taken** 1 hour**Grade** 13.00 out of 40.00 (33%)

Question 1

Correct

Mark 1.00 out of 1.00

In a party, the number of men, women and children are in the ratio of 4 : 3 : 6. One-fourth of the total men, one-third of the total women and one-fifth of the total children left the party. Now the number of remaining persons in the party is 245. What is the total number of persons in the beginning of the party?

Select one:

- ☒ a. 325 ✓
- ☐ b. 351
- ☐ c. 260
- ☐ d. 390

The correct answer is: 325

Question 2

Incorrect

Mark 0.00 out of 1.00

The average age of 24 students in a class is 10. If the teacher's age is included, the average increased by one. The age of the teacher?

Select one:

- ☒ a. 40 Years ✗
- ☐ b. 25 Years
- ☐ c. 30 Years
- ☐ d. 35 Years

The correct answer is: 35 Years



Question 3

Correct

Mark 1.00 out of 1.00

Find the average of first 21 natural numbers?

Select one:

- ☐ a. 21
- ☐ b. 20
- ☐ c. 12
- ☒ d. 11 ✓

The correct answer is: 11



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Incorrect

Mark 0.00 out of 1.00

Select one:

- ☐ a. 5
- ☒ b. 7 ✗
- ☐ c. 3
- ☐ d. 1

The correct answer is: 3

Question 5

Correct

Mark 1.00 out of 1.00

Read the following information carefully and answer the questions :

'A - B' means 'A is father of B'

'A + B' means 'A is daughter of B'.

'A ÷ B' means 'A is son of B'.

'A x B' means 'A is wife of B'.

How is P related to T in the expression 'P + S - T' ?

Select one:

- ☐ a. Daughter
- ☒ b. Sister ✓
- ☐ c. Wife
- ☐ d. Son

Your answer is correct.

The correct answer is: Sister

Question 6

Incorrect

Mark 0.00 out of 1.00

X and Y start moving towards each other from points A and B, which are 200m apart. After walking 60m, Y turns left and goes 20m, then he turns right and goes 40m. He then turns right again and comes back to the road on which he had started walking. If X and Y walk with the same speed, what is the distance between them?

Select one:

- ☒ a. 20m ✗
- ☐ b. 50m
- ☐ c. 30m
- ☐ d. 40m

The correct answer is: 40m



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Incorrect

Mark 0.00 out of 1.00

A = B means A is father of B

'A + B' means 'A is daughter of B'.

'A ÷ B' means 'A is son of B'.

'A x B' means 'A is wife of B'.

Which of the following means P is grandson of S?

Select one:

☐ a. $P \times Q \div S$

☐ b. $P \div Q + S$

☒ c. $P \div Q \times S$ ✖

☐ d. $P + Q - S$

Your answer is incorrect.

The correct answer is: $P \div Q + S$

Question 8

Correct

Mark 1.00 out of 1.00

A batsman makes a score of 87 runs in the 17th inning and thus increased his average by 3. Find his average after 17th innings?

Select one:

☒ a. 39 ✔

☐ b. 42

☐ c. 36

☐ d. 40

The correct answer is: 39

Question 9

Incorrect

Mark 0.00 out of 1.00

The average weight of 36 students is 50 kg. It was found later that the figure of 37 kg was misread as 73 kg. What is the correct average?

Select one:

☐ a. 50.5 Kg

☒ b. 51 kg ✖

☐ c. 49 kg

☐ d. 48 kg

The correct answer is: 49 kg



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Incorrect

Mark 0.00 out of 1.00

ratio of number of mangoes, apples and bananas 3 : 4 : 5. What is the ratio of number of mangoes, apples and bananas in the remaining 300 fruits?

Select one:

- ☐ a. 1 : 4 : 1
- ☐ b. 1 : 2 : 2
- ☐ c. 2 : 3 : 1
- ☒ d. 1 : 3 : 2 ✖

The correct answer is: 1 : 4 : 1

Question 11

Incorrect

Mark 0.00 out of 1.00

Pointing to a man in a photograph a woman said, "His brother's father is the only son of my grand father" . How is the woman related to the man in the photograph ?

Select one:

- ☐ a. Mother
- ☐ b. Sister
- ☐ c. Brother
- ☒ d. Father ✖

The correct answer is: Sister

Question 12

Incorrect

Mark 0.00 out of 1.00

One morning after sunrise Juhi while going to school met Lalli at Boring road crossing. Lalli's shadow was exactly to the right of Juhi. If they were face to face, which direction was Juhi facing?

Select one:

- ☐ a. South
- ☐ b. East
- ☐ c. East
- ☒ d. West ✖

The correct answer is: South





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Select one:

- ☐ a. Aunt
- ☐ b. Grand Mother
- ☒ c. Sister ✓
- ☐ d. Mother

The correct answer is: Sister

Question 14

Incorrect

Mark 0.00 out of 1.00

The salaries A, B, C are in the ratio 2 : 3 : 5. If the increments of 15%, 10% and 20% are allowed respectively in their salaries, then what will be new ratio of their salaries?

Select one:

- ☒ a. 13 : 23 : 30 ✗
- ☐ b. 23 : 33 : 60
- ☐ c. 3 : 3 : 10
- ☐ d. 10 : 11 : 20

The correct answer is: 23 : 33 : 60

Question 15

Incorrect

Mark 0.00 out of 1.00

What is the sum (in Rs) which when divided among A, B, C, D in the proportion 2 : 3 : 5 : 8 provide Rs 8420 less to D than what it provides to him when the proportion is $1/2 : 1/3 : 1/5 : 1/8$?

Select one:

- ☐ a. 12510
- ☐ b. 37530
- ☐ c. 25020
- ☒ d. 17540 ✗

The correct answer is: 25020





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Mark 0.00 out of 1.00

Select one:

- ☒ a. 11.3 ✗
- ☐ b. 11.2
- ☐ c. 11.5
- ☐ d. 11.4

The correct answer is: 11.5

Question 17

Incorrect

Mark 0.00 out of 1.00

The prices of a scooter and a TV are in the ratio of 7 : 5. If the scooter costs Rs.8000 more than a TV set then the price of a TV set is.

Select one:

- ☒ a. 24000 ✗
- ☐ b. 32000
- ☐ c. 28000
- ☐ d. 20000

The correct answer is: 20000

Question 18

Incorrect

Mark 0.00 out of 1.00

A and B are sister. A is the mother of D. B has a daughter C who is married to F. G is the husband of A. How is B related to F?

Select one:

- ☐ a. Mother
- ☒ b. Mother-in-law ✗
- ☐ c. Sister-in-law
- ☐ d. Brother

The correct answer is: Mother



Question 19

Correct

Mark 1.00 out of 1.00

Average age of 12 men is 20 years. If age of one more man is added to it the average is decreased by one. Find out the age of that man?

Select one:

- ☐ a. 9 Years
- ☐ b. 19 Years
- ☒ c. 7 Years ✓
- ☐ d. 5 Years

The correct answer is: 7 Years



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Select one:

- ☒ a. South East ✓
- ☐ b. North
- ☐ c. South West
- ☐ d. South

The correct answer is: South East

Question 21

Incorrect

Mark 0.00 out of 1.00

Introducing a girl, Satyam said, "Her mother is the only daughter of my mother-in-law. How is Satyam related to girl?

Select one:

- ☒ a. Wife ✗
- ☐ b. Father
- ☐ c. Husband
- ☐ d. Uncle

The correct answer is: Father

Question 22

Incorrect

Mark 0.00 out of 1.00

From his house, Ram went 15 kms to the north. Then he turns west and covered 20 km. Then he turned south and covered 5 km. Finally turning to east, he covered 25 km. In which direction is he from his house?

Select one:

- ☐ a. south west
- ☐ b. north west
- ☐ c. north east
- ☒ d. south east ✗

The correct answer is: north east





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Mark 0.00 out of 1.00

Select one:

- ☐ a. Cousin
- ☒ b. Brother ✖
- ☐ c. Uncle
- ☐ d. Father

The correct answer is: Father

Question 24

Incorrect

Mark 0.00 out of 1.00

A, B, C, D, E, F, G, H and I are nine houses. C is 2km East of B. A is 1km North of B and H is 2km South of A. G is 1km West of H while D is 3km East of G. F is 2km North of G, I is situated just in the middle of B and C, while E is just in the middle of H and D. Find the distance between E and G.

Select one:

- ☐ a. 1.5 km
- ☐ b. 3 km
- ☐ c. 2 km
- ☒ d. 4 km ✖

The correct answer is: 2 km

Question 25

Incorrect

Mark 0.00 out of 1.00

The ratio of the incomes of A and B is 5 : 4 and the ratio of their expenditures is 3 : 2. If at the end of the year, each saves Rs. 1600, then the income of A is:

Select one:

- ☐ a. 4000
- ☐ b. 3800
- ☒ c. 4800 ✖
- ☐ d. 4500

The correct answer is: 4000





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law of D. B has only one son and no daughter. A is married to H. C is daughter of A. How is H related to the F?

Select one:

- ☐ a. Brother
- ☐ b. Brother-in-law
- ☒ c. Uncle ✓
- ☐ d. Grand Father

The correct answer is: Uncle

Question 27

Correct

Mark 1.00 out of 1.00

If $a : b = 3 : 4$ and $b : c = 6 : 5$ then $a : b : c$ is equal to.

Select one:

- ☐ a. $8 : 5 : 3$
- ☐ b. $3 : 8 : 10$
- ☐ c. $9 : 6 : 5$
- ☒ d. $9 : 12 : 10$ ✓

The correct answer is: $9 : 12 : 10$

Question 28

Incorrect

Mark 0.00 out of 1.00

The ratio of spirit and water in two mixtures of 20 liter and 36 liter is $3 : 7$ and $7 : 5$ respectively. Both the mixtures are mixed together. Now the ratio of the spirit and water in the new mixture is:

Select one:

- ☒ a. $27 : 35$ ✗
- ☐ b. $27 : 29$
- ☐ c. $9 : 20$
- ☐ d. $25 : 27$

The correct answer is: $27 : 29$ 



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Select one:

☐ a. 16☐ b. 10☒ c. 6 ✖☐ d. 14

The correct answer is: 14

Question 30

Correct

Mark 1.00 out of 1.00

A bag contains a certain number of 50 paise coins, 20 paise coins and 10 paise coins in the ratio 2:3:4. If the total value of all the coins in the bag is Rs.400, find the number of coins of each kind?

Select one:

☐ a. 300, 700, 200☐ b. 800, 400, 200☐ c. 400, 500, 300☒ d. 400, 600, 800 ✔

The correct answer is: 400, 600, 800

Question 31

Incorrect

Mark 0.00 out of 1.00

Riya goes 30 km towards North from a fixed point, then after turning to her right she goes 15 km. After this she goes 30 km after turning to her right. How far and in what direction is she from her starting point?

Select one:

☒ a. 20m east ✖☐ b. 30m east☐ c. 15m east☐ d. 10m east

The correct answer is: 15m east





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times the distance he covered between A and B and reaches his destination D.
The shortest distance between the starting point and the destination is

Select one:

- ☒ a. 12 km ✗
- ☐ b. 16 km
- ☐ c. 18 km
- ☐ d. 15 km

The correct answer is: 15 km

Question **33**

Incorrect

Mark 0.00 out of 1.00

The average of 9 numbers is 30. The average of first 5 numbers is 25 and that of last 3 numbers is 35. What is the 6th number?

Select one:

- ☐ a. 41
- ☐ b. 40
- ☒ c. 20 ✗
- ☐ d. 45

The correct answer is: 40

Question **34**

Correct

Mark 1.00 out of 1.00

A man walked 30 m towards the North. Then he turned right and walked 45 m. Then he turns right and walks 45 m. Then he turns left and walks 5 m. Finally, he turns left and walks 15 m. In which direction and how many meters is he from the starting position?

Select one:

- ☒ a. 50m East ✓
- ☐ b. 50m West
- ☐ c. 55m East
- ☐ d. 15m West

The correct answer is: 50m East





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Correct

Mark 1.00 out of 1.00

10km. How many kilometres will he have to walk to reach his home straight?

Select one:

☐ a. 25 km☒ b. 10 km ✓☐ c. 15 km☐ d. 5 km

The correct answer is: 10 km

Question 36

Incorrect

Mark 0.00 out of 1.00

The height of 5 boys is recorded as 146 cm, 154 cm, 164 cm, 148 cm and 158 cm. What is the average height of all these boys?

Select one:

☐ a. 158 cm☐ b. 154 cm☐ c. 156 cm☒ d. 152 cm ✗

The correct answer is: 154 cm

Question 37

Incorrect

Mark 0.00 out of 1.00

The value of a diamond is proportional to the square of its weight. It is broken into three pieces whose weights are in the ratio 3:2:5. Find the loss incurred due to breakage if the value of the original diamond is \$20,000.

Select one:

☒ a. 12,600 ✗☐ b. 12,200☐ c. 12,400☐ d. 12,000

The correct answer is: 12,400





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Incorrect

Mark 0.00 out of 1.00

A + B means A is son of B

'A - B' means 'A is wife of B'

'A x B' means 'A is brother of B'

'A - B' means 'B is daughter of A'

How is R related to P in the expression 'P + Q x R + T'?

Select one:

- ☐ a. Brother
- ☒ b. Father ✖
- ☐ c. Sister
- ☐ d. Paternal Uncle

Your answer is incorrect.

The correct answer is: Paternal Uncle

Question 39

Correct

Mark 1.00 out of 1.00

A is sister of B. E is brother of B. E is son of H. H is married to F. F is daughter of G. F has only one daughter. G is married to C. E is brother of D. D is married to I. If R is daughter of I then how B is related to R ?

Select one:

- ☐ a. Can't be determined
- ☒ b. Uncle ✔
- ☐ c. Father
- ☐ d. Brother

The correct answer is: Uncle

Question 40

Incorrect

Mark 0.00 out of 1.00

Nishant walks 30 meter in the north direction, after that he took a right turn and walks 40 meter. After that he took a right turn and walks 40 meter more and finally he took a right turn and stop after walking 40 meter. Find the distance of nishant from the initial position?

Select one:

- ☐ a. 10
- ☐ b. 15
- ☒ c. 5 ✖
- ☐ d. 20

The correct answer is: 10



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