Amazon mock 1

Q1. In ΔABC, the internal bisectors of ∠ABC and ∠ACB met at I and ∠BAC = 50°. The measure of ∠BIC is

(a) 105°   (b) 115°   (c) 125°   (d) 130°

Q2. The difference between [3/5] of [2/3] a number and [2/5] of[1/4] of the same number is 288. What is the number?

(a) 960   (b) 850   (c) 895   (d) 955

Q3. A, B, C and D are four consecutive odd numbers and their average is 42. What is the product of B and D?

(a) 1860   (b) 1890   (c) 1845   (d) 1677   (e) None of these

Q4. The cost price of item A, Item A was sold at a profit of 10% and Item B was sold at a loss of 20%. If the respective ratio of selling price of items A and B is 11:12, what is the cost price of item B?

(a) Rs.450/-   (b) Rs.420/-   (c) Rs.400/-   (d) Rs.350/-   (e) Rs.480/-

Q5. A sum of Rs 731 is divided among A, B and C such that 'A' receive 25% more than 'B' and 'B' receive 25% less than 'C'. What is C's share in the amount?

(a) Rs. 172   (b) Rs. 200   (c) Rs. 262   (d) Rs. 258   (e) None of these

Q6. In how many different ways can letters of the word "PRAISE" be arranged?

(a) 720   (b) 610   (c) 360   (d) 210   (e) None of these

Q7. If the numerator of a fraction is increased by 150% and the denominator of the fraction is increased by 300%, the resultant fraction is [5/18]. What is original fraction?

(a) 4/9   (b) 4/5   (c) 8/9   (d) 8/11   (e) None of these

Q8. A car covers the first 30 km of its journey in 45 minutes and the remaining 25 km in 30 minutes. What is the average speed of the car?

(a) 60   (b) 64   (c) 49   (d) 48   (e) None of these

Q9. Four examiners can examine a certain number of answer papers in 10 days by working for 5 hours a day. For how many hours a day would 2 examiners have to work in order to examine twice the number of answer papers in 20 days?

(a) 8   (b) 7.5   (c) 10   (d) 8.5   (e) None of The above

Q10. If the ratio of Rate of filling of two Pipes A and B is 3:2. If together they can fill a Tank 5/6th of Tank in 20 minutes. Then in how many does A alone can fill the Tank?

(a) 50 Minutes   (b) 40 Minutes   (c) 30 Minutes   (d) 20 Minutes

Q11. A car covers first 10 km with 40 km/hr next 10km with 60 km and next 10 km in 20 km/hr. What is the average speed of the car?

(a) 320/11   (b) 330/11   (c) 350/11   (d) 360/11

Q12. The efficiency of P is 25% more then Q and Q take 25 days to complete a piece of work. P started a work alone and then Q joined her 5 days before actual completion of the work. For how many days P worked alone?

(a) 9   (b) 10   (c) 11   (d) 12

Q13. A man borrows Rs 4000 at 8% compound interest for 3 years. At the end of each year, he paid Rs 500. How much amount should he pay at the end of the 3rd year to clear the debt?

(a) Rs 3465.2   (b) Rs 3485.2   (c) Rs 4345.4   (d) Rs 3915.6

Q14. M and N are invested in a business. They earned some profit which they divided in the ratio of 2:3. If M invested Rs.30000, the amount invested by N is

(a) Rs.35,000   (b) Rs.40,000   (c) Rs.45,000   (d) Rs.64,000

Q15. The parameter of a square is equal to the perimeter of a rectangle of length 16 cm and breadth 14 cm. Find the circumference of a semicircle whose diameter is equal to the side of the square. (Round off your answer to two decimal places)

(a) 23.57 cm   (b) 77.14 cm   (c) 84.92 cm   (d) 94.94 cm

Q16. A cube of side one meter length is cut into small cubes of side 10 cm each. How many such small cubes can be obtained?

(a) 10   (b) 100   (c) 1000   (d) 10000

Q17. FLOOD is written as 63664, How WATER is written in that code?

(a) 51259   (b) 23456   (c) 23456   (d) 15678

Q18. LONDON is written as MNPBRK, How MOSCOW is written in that code?

(a) NMUBTR   (b) NNUART   (c) MMBVTR   (d) NNAUTY

Q19. If Subbu finds that it is seventeenth from the right and eighteenth from the left in a line facing north. How many persons should be added to the line such that there are 40 people in the line?

(a) 5   (b) 6   (c) 8   (d) 9

Q20. Choose the word which is different from the rest.

(a) Rhea   (b) Trout   (c) Lamprey   (d) Salmon

Q21. In an examination the average marks of Rohini is 74. If she got 16 more marks in Hindi and 20 more marks in English then her average would have been 78. Find the total number of subjects he studied?

(a) 7   (b) 8   (c) 9   (d) 10

Q22. Basheer travels first one-third of the total distance at the speed of 10 kmph and the next one-third distance at the speed of 20 kmph and the last one – third distance at the speed of 60 kmph. What is the average speed of Basheer?

(a) 12 kmph   (b) 14 kmph   (c) 16 kmph   (d) 18 kmph

Q23. An amount of money is to be divided between X, Y and Z in the ratio of 3: 7: 12. If the difference between the shares of X and Y is Rs.M, and the difference between Y and Z's share is Rs.3000. Find the total amount of money?

(a) 11000   (b) 12400   (c) 13200   (d) 14300

Q24. The salaries of P,Q and R are in the ratio 5: 3: 2.If the increments of 20% ,10% and 20% are allowed in their salaries, then what will be the new ratio of their salaries ?

(a) 20: 11: 8   (b) 22: 11: 9   (c) 22: 10: 8   (d) 20: 10: 9

Q25. 6. The sum of the three number is 68.If the ratio of the first to second is 3:2 and that of the second to the third is 5:3 , then the second number is

(a) 21   (b) 22   (c) 23   (d) 24

Q26. A number is first decreased by 25%. The decreased number is then increased by 20%. The resulting number is less than the original number by 40. Then the original number is:

(a) 100   (b) 200   (c) 300   (d) 400

Q27. Aruna goes to a supermarket and bought things worth rupees 60, out of which 40 paise went on sales tax. If the tax rate is 10 percent, then what was the cost of tax free items?

(a) 56.60   (b) 57.60   (c) 54.60   (d) 55.60

Q28. 30 litre of solution contains alcohol and water in the ratio 2:3. How much alcohol must be added to the solution to make a solution containing 60% of alcohol?

(a) 10   (b) 12   (b) 14   (c) 15

Q29. In a School, 40% of the students are female and thus the no of boys exceed the no of girls by 40.Find the total no of students.

(a) 100   (b) 150   (c) 180   (d) 200

Q30. Choose the odd one out.

(a) TTOU   (b) USTO   (c) SSTO   (d) OOTU

Q31. Choose the word which is different from the rest.

(a) Wool   (b) Wood   (c) Plastic   (d) Paper

Q32. Waves: Air:: Ripples: ?

(a) Light   (b) Wind   (c) Sound   (d) Water

Q33. C – 3, E – 5, G – 7, I – 9, ?, ?

(a) K – 11, M – 13   (b) O – 15, X – 24   (c) M – 18, K – 14   (d) X – 24, M – 21

Q34. 5, 16, 51, 158, ?

(a) 483   (b) 481   (c) 1454   (d) 1452

Q35. AFI, JOR, MRU, ?

(a) HMP   (b) PMO   (c) RJL   (d) GJN

Q36. A man showed a boy next to him and said – "He is the son of my wife's sister-in-law, but I am the only child of my parents." How is man's son related to him?

(a) Brother   (b) Uncle   (c) Nephew   (d) Cousin

Q37. In a certain code language COMPUTER is written as RFUVQNPC. How will MEDICINE be written in that code language?

(a) MFEDJJOE   (b) EOJDEJFM   (c) MFEJDJOE   (d) EOJDJEFM

Directions for Questions (38 to 40): Read the given information carefully and answer the questions that follow.

Eleven friends M, N, O, P, Q, R, S, T, U, V and W are sitting in the first row of the stadium watching a cricket match.

i. T is to the immediate left of P and third to the right of U.

ii. V is the immediate neighbour of M and N and third to the left of S.

iii. M is the second to the right of Q, who is at one of the ends.

iv. R is sitting next to the right of P and P is second to the right of O.

Q38. Who is sitting in the center of the row?

(a) N   (b) O   (c) S   (d) U

Q39. Which of the following people are sitting to the right of S?

(a) OTPQ   (b) OTPR   (c) UNVM   (d) UOTPR

Q40. Which of the following statements is true with respect to the above arrangement?

(a) There are three persons sitting between P and S

(b) W is between M and V.

(c) N is sitting between V and U

(d) S and O are neighbours sitting to the immediate right of T

Answer key

1	B	9	C	17	A	25	B	33	A
2	A	10	B	18	B	26	D	34	B
3	C	11	D	19	B	27	D	35	A
4	A	12	C	20	A	28	D	36	D
5	E	13	D	21	C	29	D	37	D
6	A	14	C	22	D	30	B	38	D
7	A	15	A	23	C	31	C	39	B
8	E	16	C	24	A	32	D	40	c