Accenture mock-3

Q1. 15 32 60 122 240 ?

(a) 488   (b) 482   (c) 364   (d) 362

Q2. 1(1/5) of 1(1/2) of X = 216, X is equal?

(a) 100   (b) 125   (c) 140   (d) 120

Q3. √(456÷12+142-11) =?

(a) 11   (b) 169   (c) 23   (d) 13

Q4. Revanth's present age is three times his son's present age and 4/5th of his father's present age. The average of the present ages of all of them is 62 years. What is the difference between the Revanth's son's present age and Revanth's father's present age?

(a) 64 years   (b) 69 years   (c) 66 years   (d) 62 years

Q5. The respective ratio between the present age of Mani and Dheeraj is x : 42. Mani is 8 years younger than Murali. Murali's age after 8 years will be 33 years. The difference between Dheeraj's and Mani's age is same as the present age of Murali. What is the value of x?

(a) 18   (b) 10   (c) 16   (d) 17

Q6. Shas married 8 year ago. Today her age is 9/7 times to that time of marriage. At present his son's age is 1/6th of her age. What was her son's age 3 year ago?

(a) 4 yr   (b) 2 yr   (c) 3 yr   (d) 5 yr

Q7. A shopkeeper bought 30kg of rice at Rs.75 per kg and 20 kg of rice the rate of Rs.70. per kg.If he mixed the two brand of rice and sold the mixture at Rs.80 per kg. Find his gain:

(a) Rs.350   (b) Rs.550   (c) Rs.420   (d) Rs.210

Q8. A milkman mixes 6 liters of free tap water with 20litres of pure milk. If the cost of pure milk is Rs.28 per liter the % Profit of the milkman when he sells all the mixture at the cost price is:

(a) 30%   (b) 16(1/3)%   (c) 25%   (d) 16.5%

Q9. An alloy contains Brass, Iron, and Zinc in the ratio 2:3:1 and another contains Iron, zinc, and lead in the ratio 5:4:3. If equal weights of both alloys are melted together to form a third alloy, then what will be the weight of lead per kg in new alloy?

(a) ¼   (b) 41/7   (c) 1/8   (d) 51/9

Q10. A Boat takes 128 min less to travel to 48 Km downstream than to travel the same distance upstream. If the speed of the stream is 3 Km/hr. Then Speed of Boat in still water is?

(a) 12 Km/hr   (b) 15 Km/hr   (c) 6 Km/hr   (d) 9 Km/hr

Q11. In a group of 8 boys, 2 men aged at 21 and 23 were replaced, two new boys. Due to this the average cost of the group increased by 2 years. What is the average age of the 2 new boys?

(a) 17   (b) 30   (c) 28   (d) 23

Q12. Nagarjuna lends Rs 30,000 of two of his friends. He gives Rs 15,000 to the first at 6% p.a. simple interest. He wants to make a profit of 10% on the whole. The simple interest rate at which he should lend the remaining sum of money to the second friend is:

(a) 8%   (b) 12%   (c) 14%   (d) 16%

Q13. A certain number of men take 45 days to complete work. If there are 10 men less then they will take 60 days to complete the work. Find the original number of men.

(a) 50   (b) 60   (c) 30   (d) 40

Q14. If COOKER = +//2*5, ROOSTER = 5//$%*5, then what would be the equivalent of MOOSE most appropriately among the following?

(a) 0//%*   (b) 5//S*   (c) 0**$*   (d) 0//$*

Q15. 'all dogs are friends' is coded as '5321', 'all cats are black' is coded as '6431' and 'all dogs eat meat is coded as 9751, then what is the numerical equivalent of 'are'?

(a) 6   (b) 5   (c) 3   (d) 1

Q16. Three friends of different ages and heights stand in a queue for a photograph. The photographer asks the youngest to stand to the right of Adam. The tallest stands in the extreme left. Barry does not stand in the center and he is not the youngest. Donald is not in the center too. All are facing the photographer. No person receives the same rank when put in the increasing order of both age and height. Now, who is the shortest?

(a) Adam   (b) Berry   (c) Donald   (d) Cannot be determined

Q17. This series, you will be looking at a letter pattern. CPJ, LRE, GTN …. Which of the given options should fill in the blank?

(a) SUN   (b) STC   (c) PVI   (d) SHT

Q18. There are six houses in a colony, such that 3 houses are in one row and the other 3 houses are in the opposite row. The three houses in a row are equidistant from each other. Each house is exactly opposite the house in the other row. Each house is painted with a different color from red, blue, green, yellow, pink and orange.

1. Houses at the corner are not painted with blue and red color
2. House painted with orange color is not opposite the house painted with green color
3. Yellow and pink colored houses are not in the same row Which house is diagonally opposite the orange colored house?

(a) Green   (b) Yellow   (c) Pink   (d) Blue

Q19. A shopkeeper sells an article A for $300 and makes a loss of 20%. He decides to compensate for the loss and make an overall profit of 15%. What should be the selling price of another unit of article A in order to do so?

(a) $ 562.5   (b) $ 140   (c) $ 450   (d) $ 487.5

Q20. What can be concluded from the following statement? Apple versus Samsung there has always been a war between the two companies, and there always been war in the minds of the buyer, to choose one brand among the two. However many who are more brand conscious, still continue to purchase Apple over Samsung.

(a) Those who are not brand conscious, buy Samsung

(b) All brand conscious people buy Apple.

(c) Brand conscious people have moved from Samsung to Apple

(d) Apple and Samsung are close competitors and preferred choices

Q21. In a row of friends, Tia occupies fifteenth place from the right end and Tina occupies twelfth place from the left end respectively. Tristen is ninth on the left of Tia, If Tristen and Tia interchange their places, then Tristen occupies twentieth place from the left end. How many friends were there between Tristen and Tina originally?

(a) 15   (b) 12   (c) 0   (d) 3

Q22. There are two statements . There may be a cause and effect relationship between them, the two statements may be the effect of independent causes or the same cause, or they may be independent causes. Analyze the statements and choose the correct option.

1. The labor unions have expressed their discontentment and have objected to the working of the management of Khurana Group and threatened to go against them.
2. The several industries under the group have expressed their inability to provide remunerations and grants to the labor.

(a) If statement 1 is the cause and statement 2 is the effect

(b) If statement 2 is the cause and statement 1 is the effect

(c) If both the statements 1 and 2 are independent causes

(d) If both the statements 1 and 2 are effects of independent causes

(e) If both the statements 1 and 2 are effects of some common

Q23. Five fends-Jay, Raj, Shivansh, Monu and Mehul have different professions-Teacher, Singer, Police, Bank Manager and Actor. Each one wears different colors of ties-Yellow, Black, Grey, Green and orange though not respectively in the same order. Shivansh is an Actor but doesn't wear a Black or Orange colored tie. The person who is wearing Green colored tie is neither teacher nor police, Jay and Mehul are not Bank manager and they do not wear Yellow-colored tie. Grey colored is worn by Monu, who is neither a Singer nor a Bank Manager. Bank Manager wears a Green colored tie. Who is the Bank Manager?

(a) Jay   (b) Raj   (c) Monu   (d) None of these

Q24. 30 men complete 1/7 the work in 2 days. How many more men should join in now, if the work has to be completed in 10 more days?

(a) 2   (b) 4   (c) 5   (d) 6   (e) 7

Q25. Steve buys 7 pens, 7 pencils and 5 markers. Rick buys 14 pencils, 10 markers and 11 pens for an amount, which is three-fourths more than what Steve pays. What percentage of the total amount paid by Steve is paid for the pens?

(a) 58.33%   (b) 62.5%   (c) 79%   (d) 45.3%

Q26. Volume of ice is decreased by 10% when ice is melted into water. If the same water is frozen, then by what percentage the volume of the water is increased?

(a) 111/10%   (b) 100/9%   (c) 100/11%   (d) 1/10%

Q27. The income of A and B are in the ratio 6:5 and their expenditures are in the ratio 5:3. If each saves $3,500 then what is the income of B?

(a) $ 3000   (b) $ 4000   (c) $ 5000   (d) $ 6000

Q28. Sam can do work in 40 days. He worked at it for 5 days, then Annie can finish it in 21 days. In how many days both can finish the work together?

(a) 12   (b) 13   (c) 15   (d) 19   (e) 17

Q29. A sum of $8.25 is made up of 100 coins, which are either 10 cents or 5 cents. How many 10 cent coins are there?

(a) 65   (b) 35   (c) 55   (d) 45

Q30. A person sets out to cross a forest. On the first day, he completes 1/10th of the total distance. On the second day he covers 2/3rd of the distance already traveled on the first day. He continues in this manner, alternating the days in which he travels 1/10th of the distance still to be covered on one day, with days on which he travels 2/3rd of the total distance already covered, on the next day. At the end of the seventh day, he finds 45/2 km more will see the end of his journey. What is the total distance that he has to cover?

(a) 200/3 km   (b) 100 km   (c) 120 km   (d) 150 km

Q31. Given $a^2 = b^2$ of which of the following is true?

(a) a > b   (b) a < b   (c) Either a > b or a < b or equal   (d) a=b

Q32. Class A has a higher enrollment than Class B. Class C has a lower enrollment than Class B. Class A has a lower enrollment than Class C. If the first two statements are true, the third statement is

(a) True   (b) False   (c) Uncertain   (d) None of these

Q33. Choose the correct alternative that will continue the same pattern and fill in the blank spaces: 2, 3, 5, 7, 11, (...), 17

(a) 12   (b) 13   (c) 14   (d) 15

Q34. The principal instructed all the teachers to be careful in class because some students may disturb other students. Assumptions: I. The teachers may handle the situation properly and they may restrict the naughty students. II. The students will welcome the decision of the Principal.

(a) If only assumption I is implicit   (b) If only assumption II is implicit

(c) If either I or II is implicit   (d) If neither I nor II is implicit

Q35. Labourers are related to wages in the same way as an entrepreneur is related to?

(a) Loan   (b) Interest   (c) Taxes   (d) Profit

Q36. Statement: Cutting down forests is a threat to wildlife. Most of the species of animals are on the verge of extinction. Courses of Action: I. The species of animals, which are on the verge of extinction, must be protected by creating wild life sanctuaries which contain flora that defines the native habitat of the

endangered animals. II. To the maximum extent possible we should stop deforestation III. Growing urban forests.

(a) Only I follows   (b) Only II follows   (c) Only I and III follow (d) Only I and II follow

Q37. 522 1235 2661 4600 7652 11217?

(a) 15495   (b) 16208   (c) 14782   (d) 169211

Q38. If a and b be positive integers such that $a^2 - b^2 = 19$, then the value of a is

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

Q39. The number of zeros at the end of 60! is

(a) 10   (b) 12   (c) 14   (d) 16

Q40. The smallest number by which 66 must be multiplied to make the result divisible by 18 is

(a) 3   (b) 6   (c) 9   (d) 18

Answer key

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

Reference of material :

-Placementpreparation.io

- meritnotes