Aptitude Test_October 2021

Solve all 15 questions.
Each question carries 2 marks.

. . .

Hi, Mridul. When you submit this form, the owner will see your name and email address.

1. A person walked 10 km towards west from point A, then moved 8 km towards north and reached the bus stand, then he walked 6 towards east and reached a school. From school, he walked 12 km towards his right and then moved 9 km towards east and reached his home. How far and in which direction is the school from his house?
(2 Points)

○ 13 km, south-west

○ 12 km, north-east

● 15 km, north-west

○ 15 km, south-west

2. In the given sequence how many perfect square numbers are there which are immediately preceded by a vowel and immediately followed by a consonant?
23, A, 49, Z, 16, E, 81, W, 121, O, 9, D, 25, U, 784, Y
(2 Points)

○ One

○ Two

○ Three

● More than three

3. A six digit number 4A7B3C is such that it leaves remainder 0 when divided by 7, 11 and 13. What will be the sum of numbers at A, B and C?
(2 Points)

○ 11

○ 12

◉ 14

○ 13

4. A family consists of three sons and their parents. Average age of the family is 20 years. Average of the ages of second eldest son and parents is 24 years. Difference between parents age together and second eldest son is 48 years. Ratio of ages of second eldest son and eldest son is 2 : 3. What is the age of the youngest son?
(2 Points)

◉ 10 years

○ 20 years

○ 12 years

○ 15 years

5. Golu and Bholu appear in an interview for 2 vacancies. The probability of selection of Golu and that of Bholu, are 1/3 and 1/7 respectively. What is the probability that only one of them will be selected?
(2 Points)

○ 1/21

◉ 8/21

○ 4/21

○ 2/7

6. What is X in the sequence given below: 287, 167, 119, 47, 23, 7, X ?
(2 Points)

○ 4

○ 8

⦿ 2

○ 3

7. A die is rolled twice. What is the probability of getting a sum equal to 8?
(2 Points)

⦿ 5/36

○ 1/9

○ 7/36

○ 2/9

8. In India 60% people went to Europe trip, 50% went to Russia trip and 10% did not travel abroad. Which of the following conclusion(s) can be drawn from the above data?
1. 20% people went to Europe as well as Russia.
2. 30% people went to only Russia. Select the correct answer using the codes given below:
(2 Points)

⦿ 1 only

○ 2 only

○ Both 1 and 2

○ Neither 1 nor 2

9. Ram went to circus and he had Rs.350 in different denominations: Rs.1, Rs.5, Rs.10, Rs.20 and Rs.50. He bought the entry ticket by using two notes of Rs.10 and one note of Rs.5. Then he bought a toy by using three notes of Rs.20 and three notes of Rs.5. After that he bought an ice-cream by using one note of Rs.50, four notes of Rs.5 and ten notes of Rs.1. After that he booked an auto for home and paid him all the rupees he had. In how many ways can he pay the fare of auto if he had thirty-six notes initially?
(2 Points)

○ 2

○ 3

○ 5

◉ More than 5

10. When the digits of a two-digit number are reversed, the number increases by 27. Sum of the least and the highest such two-digit numbers is-
(2 Points)

○ 85

○ 93

◉ 83

○ 113

11. Consider two statements S1 and S2 followed by a question:
S1 : N is a natural number and N > 3.
S2 : If N is divided by 6, remainder is either 1 or 5. Which one of the following is necessarily true?
(2 Points)

◉ N is a prime number.

○ N is divisible by 5, 7, 11 and 13.

○ N is a perfect square.

○ None of the above.

12. Consider two statements 1 and 2 followed by a question:
S1 : Speed of A is twice that of B. A is eight times faster than D.
S2 : B takes half as much time as taken by C. How much time B will take to complete his journey, if D completes the same journey in one hour more than C?
(2 Points)

○ S1 alone is sufficient to answer the question

○ S2 alone is sufficient to answer the question

○ S1 and S2 taken together are not sufficient to answer the question

◉ Both S1 and S2 are necessary to answer the question

13. A coaching opens for 5 days in a week starting from Monday to Friday. Four different subjects Mathematics, Physics, Chemistry and Biology are taught and only one subject is taught per day.
1. Mathematics is taught on Monday and Friday.
2. Different subjects are taught on Tuesday and Thursday.
3. Different subjects are taught on Wednesday and Friday. To ensure that any two different subjects are taught on consecutive days-
(2 Points)

○ Statement 1 alone is sufficient

○ Statement 3 alone is sufficient.

○ Statement 2 alone is sufficient

◉ Statement 2 is not sufficient, but statement 2 along with statement 3 is sufficient

14. Ashok was travelling to Mumbai from Delhi. When he left Delhi on Friday noon, his watch was slow by 2 minutes. He took rest at Bhopal and got to know that his watch showed correct time at that time. He reached Mumbai at 2 p.m. on the following Friday and saw that his watch is 4 minutes 48 seconds fast. If the watch gains uniformly, then when did he reach Bhopal?
(2 Points)

○ 2 p.m. on Sunday

○ 2 p.m. on Saturday

○ 12 p.m. on Monday

○ 12 p.m. on Sunday

15. How many 4 digit even number can be formed by using the digits 5,7,9 and 2 only once?
(2 Points)

○ 24

○ 12

○ 8

◉ 6

Submit

This content is created by the owner of the form. The data you submit will be sent to the form owner. Microsoft is not responsible for the privacy or security practices of its customers, including those of this form owner. Never give out your password.

Powered by Microsoft Forms | Privacy and cookies | Terms of use