

TEST

AMO Grade 2 Mock Test Paper 2

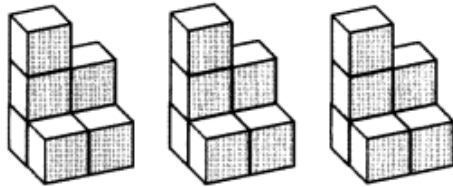
QUESTIONS

SECTIONS

1. Sec A MCQs - 15 Questions
2. Sec B SAQs - 10 Questions

Section 1 : Sec A MCQs - 15 Questions

Count the number of blocks in the following picture.



1

- ☐ 15
- ☐ 18
- ☐ 20
- ☐ 21
- ☐ 24

Correct: +4

Count the number of triangles in the picture.



2

☐ 5

☐ 6

☐ 4

☐ 3

☐ 9

Correct: +4

3 Suzy has five kids. Amy is older than Beth but younger than Carla. David is older than Erwin but younger than Beth. Who is the eldest child?

☐ Amy

☐ Beth

☐ Carla

☐ David

☐ Erwin

Correct: +4

4 Sarah's birthday falls on the 6th of September each year. Today is 27th July and a Sunday. What day will be Sarah's birthday this year?

☐ Thursday

☐ Saturday

☐ Sunday

☐ Monday

☐ Friday

Correct: +4

5 On the number table of 1-100, we finally reached 50 after we added 72 and subtracted 36 from the original number. What is the original number?

☐ 86

☐ 14

☐ 48

☐ 50

☐ 84

Correct: +4

6 How many whole numbers are there which are less than 300 and their digits add up to 5?

☐ 18

☐ 10

☐ 12

☐ 15

☐ 14

Correct: +4

7 Roy walks 10 m to his school and then continues the remaining three-fourths of the whole journey by bus. How far is Roy's school from his house?

☐ 134 m

☐ 100 m

☐ 30 m

☐ 40 m

☐ 400 m

Correct: +4

8 $ABCD$ is a square with an area of 72 m^2 . It is further divided into 9 smaller squares with equal areas. Find the area of 5 such smaller squares, in m^2 .

☐ 36

☐ 40

☐ 50

☐ 52

Correct: +4

9

A 1-litre bottle was filled up using a 150-ml and a 50-ml jug. Both jugs were poured thrice into the empty 1-litre bottle. How much more liquid can be poured into the bottle to fill it to the brim?

☐ 600 ml

☐ 650 ml

☐ 450 ml

☐ 400 ml

☐ 500 ml

Correct: +4

10

If all alphabets are represented by a number starting with $A = 1$, $B = 2$, $C = 3$, and so on, find the sum of the digits represented by the word *SMART*.

(Note: *DOG* is written as 4157)

☐ 20

☐ 24

☐ 26

☐ 28

☐ 30

Correct: +4

How many times do the hour and minute hands cross an even number on the clock from 1 a.m. to 1 p.m.?



11

☐ 70

☐ 72

☐ 78

☐ 76

☐ 80

Correct: +4

Find the sum:

$$4 + 16 + 24 + 36 + 44 + 56$$

12

☐ 160

☐ 170

☐ 190

☐ 200

Correct: +4

13 A fan has three blades. How many blades will there be in 150 such fans?

☐ 450

☐ 150

☐ 500

☐ 50

☐ 45

Correct: +4

14 The sum obtained after we add double of 25 to one-third of 21 is subtracted from 100. What is the final number in the end?

☐ 60

☐ 29

☐ 43

☐ 57

☐ 71

Correct: +4

15 What number has 2 hundreds, 5 more tens than 20 and 1 less than 7?

☐ 251

☐ 272

☐ 276

☐ 271

☐ 254

Correct: +4

Section 2 : Sec B SAQs - 10 Questions

16 Harry scored 3 more marks than Alwin. Sophia scored the same as Harry. The sum of their scores was 51. How many marks did Alwin score?

Correct: +5

17 Alice picked two cards from a 52-card deck such that the sum of the numbers on the two cards was 15. Find how many combinations she may have. (In the deck of cards, $A = 1$, $J = 11$, $Q = 12$, $K = 13$ while the remaining cards are numbers 2 to 10)

Correct: +5

Five students entered a contest where they had to guess the number of candies in a box. Alan guessed 25 candies while Beth guessed 30. Charles guessed 27 and David guessed 35. Roma was declared the winner. One of the 4 students guessed 4 more than Roma's number while another student guessed 4 less than hers. What was the number guessed by Roma?

18

Correct: +5

Ayer and Kumar tossed a coin. Ayer wins if it is a head while Kumar wins if it is a tail. The winner gets 3 marbles from the loser. Both had 20 marbles each in the beginning. They played 10 rounds and Ayer won 4 rounds. What is the total number of marbles Kumar had in the end?

19

Correct: +5

The place cards shown are folded along the dotted line so that only a number or letter is visible. Chrissy enters the room and sees all five place cards, with at least 2 number cards being shown. The sum of numbers that she sees is less than 8. How many different sets of numbers are there?

V	B	C	D	E
1	2	3	4	5

20

Correct: +5

If the digits of a two-digit number are reversed to form a new number, the difference between the two numbers will be 45. How many different such pairs are there?

21

Correct: +5

Harry wrote 1, 2, 3, 11, 22, 33, 111, 222, 333, ... until he got 17 numbers. What is the sum of the digits of the last number he wrote?

22

Correct: +5

A jar of 30 chocolates is shared among Ann, Alice, and Alisha. Alice takes more than anyone else. What is the least number of chocolates she could have taken?

23

Correct: +5

Few kids were playing cricket. Each of them carried 4 balls. While playing, 17 balls were hit outside the ground and lost. In the end, they were left with a total of 55 balls. How many kids were playing together?

24

Correct: +5

Patrick started jumping every day. He jumped 10 times on Day 1. He jumped 8 more times on Day 2 than on Day 1. He jumped 8 more times on Day 3 than on Day 2. Every day, he continued to jump 8 more times than the previous day. Which day will be the first day when he would have jumped at least 100 times in one day?

25

Correct: +5