

TEST

AMO Grade 3 Mock Test Paper 3

QUESTIONS

SECTIONS

1. Section A MCQs - 15 Questions
2. Section B Integers - 10 Questions

Section 1 : Section A MCQs - 15 Questions

1 A few alphabet blocks were stacked up and made into a tower. If the block 'B' is 17th from the top and 5th from the bottom, how many alphabet blocks are there?

- ☐ 22
- ☐ 20
- ☐ 21
- ☐ 12
- ☐ 18

Correct: +4

2 A number is multiplied by 3 and the product was added to 5. If the final result is 26, what is that number?

- ☐ 19
- ☐ 20

☐ 18

☐ 21

☐ 17

Correct: +4

3 The perimeter of a rectangle is 144 cm. The length of the rectangle is thrice the breadth. What is the difference between the length and the breadth, in cm?

☐ 72 cm

☐ 18 cm

☐ 90 cm

☐ 54 cm

☐ 36 cm

Correct: +4

4 If today is Monday, 13th September, what will be the date of the 4th Monday from today?

☐ 12th October

☐ 12th November

☐ 11th November

☐ 11th October

☐ 9th october

Correct: +4

Find the sum of

5 $48 + 498 + 4998 + 49998$

☐ 55548

☐ 55546

☐ 55564

☐ 55542

☐ 55562

Correct: +4

6 Eight notebooks and 10 pens cost \$480. One pen costs \$15 less than one notebook.
Find the price of 5 notebooks.

☐ \$175

☐ \$350

☐ \$100

☐ \$125

☐ \$150

Correct: +4

7 If from a book of 300 pages, all the pages with the digit '2' were torn, how many pages does the book have now?

☐ 200

☐ 180

☐ 171

☐ 162

☐ 160

Correct: +4

8 A prime number is a whole number that has exactly 2 factors: 1 and itself. For example, 2 and 7 are prime numbers. The sum of two prime numbers is 55. Find the product of these two numbers.

☐ 136

☐ 116

☐ 106

☐ 484

☐ 729

Correct: +4

If the cells are added in the same pattern, which row will have the number 25?

50				
49	48			
47	46	45		
44	43	42	41	
39	38	37	36	35

9

☐ 5

☐ 25

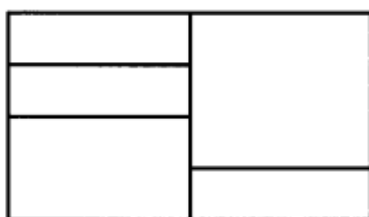
☐ 15

☐ 10

☐ 7

Correct: +4

How many rectangles are there of any size?



10

☐ 5

☐ 10

☐ 9

☐ 8

☐ 11

Correct: +4

11 -
A6B is a 3-digit odd multiple of 15. If the sum of digits is 15, find the product $A \times B$.

☐ 0

☐ 20

☐ 5

☐ 35

☐ 15

Correct: +4

12 If $a \oslash b = a \times 5 - b \times 2$, what is the value of $8 \oslash 9$?

☐ 22

☐ 29

☐ 58

☐ 61

☐ 72

Correct: +4

13 Brian takes a day off from work every 4th day and David takes a day off on every 5th day. If they have a day off today and their next day off falls on a Monday, what day is today?

☐ Tuesday

☐ Wednesday

☐ Friday

☐ Saturday

☐ Sunday

Correct: +4

14 Several chocolates weigh 1120 grams. If 13 chocolates were removed, the remaining number of chocolates weighs 600 grams. How many chocolates were there at first?

☐ 24

☐ 26

☐ 28

☐ 32

Correct: +4

- 15 There are 5 pairs of different colours of socks in a drawer. What is the least number of socks must Jeena take out from the drawer without looking to be sure that she has a pair of the same colour?

- ☐ 2
- ☐ 3
- ☐ 5
- ☐ 6
- ☐ 10

Correct: +4

Section 2 : Section B Integers - 10 Questions

Fill the numbers from 11 to 19 in the table so that the numbers in each row and each column add up to 45. What is the value of $X+Y$?

Y		14
	15	
16	X	

16

Correct: +5

Frank was arranging his marbles. If he divides them into piles with 4 marbles in each, then one marble will be left out. If he divides them into piles with 7 marbles in each, then 3 marbles will be left out. How many marbles does Frank have if he has more than 20 and less than 70 marbles?

17

Correct: +5

In the pattern below, how many 'b's appear before the 1000th letter:

a a b b b c c d a a b b b c c d

18

Correct: +5

In two years from now, John will be twice as old as he was two years ago. How old will he be 10 years from now?

19

Correct: +5

Three 5-Star, two Kit Kats and one Perk cost \$145. Two Kit Kats, one 5-Star and three Perks cost \$135. Find the combined price of one each, in \$.

20

Correct: +5

How many consecutive zeros are there at the end of the following product?

$$25 \times 25 \times 6 \times 6 \times 36$$

21

Correct: +5

Zack, Tom and Jim each draw 3 cards from 9 cards numbered 1, 2, 3, ..., 9

Zack: The product of all my numbers is 35.

Tom: The product of all my numbers is 96.

Jim: The sum of my numbers is 16.

What is the second largest number of Jim?

22

Correct: +5

A car can travel 44 km using 4 litres of petrol. Tom had 6 litres of petrol in the car and used one-third of it on Monday. He travelled another 22 km on Tuesday. How many km can the car travel with the remaining petrol?

23

Correct: +5

If two-fifth of a juice jug is poured into one glass and 10 such glasses need to be filled, how many jugs of juices are needed?

24

Correct: +5

If there are 8 roses for every 5 daffodils in the garden bed, how many daffodils are there if there are 96 roses?

25

Correct: +5

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ANSWERS

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Section 1 : Section A MCQs - 15 Questions

1 21

2 17

3 36 cm

4 11th October

5 55542

6 \$175

7 162

8 106

9 7

10 10