

TEST

AMO Grade 3 Mock Test Paper 2

QUESTIONS

SECTIONS

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

Section 1 : Section A MCQs - 15 Questions

1 $100 + 90 - 80 - 70 + 60 + 50 - 40 - 30 + 20 + 10$

☐ 90

☐ 110

☐ 100

☐ 130

☐ 120

Correct: +4

2 Rohit can go home on Diwali which falls on Thursday, 12th November this year.
Diwali is 45 days later. What day is today?

☐ Sunday

☐ Friday

☐ Wednesday

☐ Monday

☐ Tuesday

Correct: +4

What will be the digit in the hundreds place of the sum of the following expression?

3 $40444 + 44044 + 44404 + 44440$

☐ 0

☐ 4

☐ 8

☐ 2

☐ 3

Correct: +4

Find the sum of $A + B + C$ if different letters stand for different digits.

4
$$\begin{array}{r} A 8 \\ \times 8 \\ \hline B C C \\ \hline \end{array}$$

☐ 15

☐ 12

☐ 10

☐ 8

☐ 7

Correct: +4

Chloe's current age is a multiple of 6. Next year, her age will be a multiple of 5. She is more than 30 years old and less than 70 years old. Find her age 4 years from now.

5

☐ 62

☐ 59

☐ 60

☐ 61

☐ 58

Correct: +4

Find the product of ▼, ● and ■.

$$\blacktriangledown + 2 \times \blacksquare = 26$$

$$\blacksquare + 2 \times \bullet = 20$$

$$\bullet + 2 \times \blacktriangledown = 17$$

6

☐ 210

☐ 21

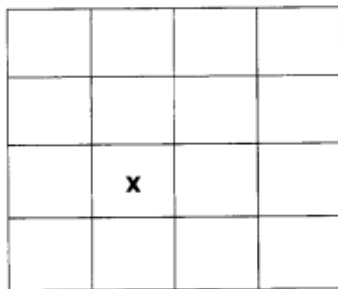
☐ 300

☐ 30

☐ 60

Correct: +4

The following picture shows a 4×4 square. How many squares of any size are there comprised of the one marked with **X**?



7

☐ 1

☐ 4

☐ 5

☐ 10

☐ 16

Correct: +4

☐ 58158

☐ 66366

☐ 56356

☐ 64246

☐ 56365

Correct: +4

The lamp is more costly than the watch and the candle stand. The candle stand is less expensive than the watch but more expensive than the basket. Which is the second most expensive item?

9

☐ Lamp

☐ Candle Stand

☐ Basket

☐ Watch

☐ Impossible to determine

Correct: +4

Harry brought a few marbles to school. He distributed one-third of the marbles among his friends on the bus. He then gave 20 marbles to his classmates. Now he is left with only one-fourth of his marbles. How many marbles did he have at first?

10

☐ 36

☐ 48

☐ 40

☐ 42

Correct: +4

In the following picture, every adjacent four cells have a sum of 20. Find the value of $X + Y$.

11

	6	8		4		X		Y	
--	---	---	--	---	--	---	--	---	--

☐ 12

☐ 14

☐ 8

☐ 10

☐ 6

Correct: +4

Tom's clock is not working properly. For every hour, it falls 5 minutes behind. He set the clock to correct time at 12.00 pm. What time will it be on his clock if the time now is 2.00 am?

12

☐ 1.00 pm

☐ 12.30 am

☐ 1.50 am

☐ 12.50 am

Correct: +4

13 Jack and his father's weight add up to 100 kg. If Jack loses 4 kg, he will be exactly half of his father's weight. What is the difference between their weights, in kg?

☐ 28

☐ 30

☐ 32

☐ 34

☐ 36

Correct: +4

Study the pattern and find the missing value.

A	B	C	D
17	15	16	16
24	26	38	12
23	9	12	20
45	8	31	?

14

☐ 31

☐ 12

☐ 22

☐ 44

Correct: +4

15 It takes 10 women to stitch 50 soft toys in 2 hours. How many soft toys will be stitched by 6 women in 4 hours, assuming all women work at the same pace?

☐ 50

☐ 60

☐ 40

☐ 100

☐ 80

Correct: +4

Section 2 : Section B Integers - 10 Questions

16 Kevin cycles 10 km in 1 hour and 15 minutes. How many km will he complete in 5 hours?

Correct: +5

Correct: +5

- 18 A book has 250 pages. How many digits are used to print the page numbers of the book?

Correct: +5

- 19 Study the pattern and find the sum of the 9th and 10th terms.
50, 53, 56, 61, 66, 73, 80, ...

Correct: +5

- 20 Sixty potatoes weigh 4 kg. If the cost of 1 kg of potato is \$30. What is the price of 2 dozen potatoes?

Correct: +5

- 21 The numbers 20, 21, 22, ..., 63, and 64 are written together as a 90-digit number.
2021222324 ... 626364
All the odd digits are then removed. How many digits remain?

Correct: +5

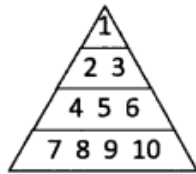
- 22 Ten small ropes of the same length were knotted together to form a big rope of 81 cm. If the knotted area was 1 cm for every rope, how long was each rope?

Correct: +5

- 23 Find the value of the digit at the ones place of the following expression:
 $100 \times 102 \times 104 \times 106 \times 108 - 99 \times 101 \times 103 \times 105 \times 107$

Correct: +5

If a number pyramid was built as shown in the picture, what will be the 10th number in the 12th row?



24

Correct: +5

A number gives a remainder of 1 when divided by 2, 3 or 6 and gives a remainder of 4 when divided by 5. If this number is divisible by 7, find the smallest such number.

25

Correct: +5

TEST

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ANSWERS

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2. Section B Integers - 10 Questions

Section 1 : Section A MCQs - 15 Questions

1 110

2 Monday

3 3

4 15

5 58

6 300

7 10

8 56365

9 Watch

10 48