

TEST

AMO Grade 3 Mock Test Paper 4

QUESTIONS

SECTIONS

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

Section 1 : Section A MCQs - 15 Questions

Solve:

1 $826 - (626 - 529) + 201$

- ☐ 900
- ☐ 725
- ☐ 1127
- ☐ 930
- ☐ 1124

Correct: +4 · Incorrect: -1

What is the digit in the hundreds place of the sum below?

2 $6969 + 9696 + 6996 + 9669$

- ☐ 6

☐ 9

☐ 0

☐ 2

Correct: +4 · Incorrect: -1

3 What is the smallest four-digit number that is divisible by 7 and 5?

☐ 1007

☐ 1010

☐ 1035

☐ 1015

☐ 1050

Correct: +4 · Incorrect: -1

4 The product of all the digits of a 3-digit number is 12. How many such 3-digit numbers are there?

☐ 15

☐ 12

☐ 9

☐ 11

☐ 18

Correct: +4 · Incorrect: -1

5 Josh thought of a two-digit number and then added a zero at the end of that number to make it a three-digit number. He then added the three-digit number to his original number and the result was 726. What was his two-digit number?

☐ 76

☐ 67

☐ 81

☐ 66

☐ 58

Correct: +4 · Incorrect: -1

If one stack of coins has 8 coins and they are arranged in such a way that the first layer has one stack, the second layer has 2 stacks, and so on. Find how many coins are required to make a total of 5 layers of coin stacks.



6

☐ 120

☐ 150

☐ 210

☐ 48

☐ 75

Correct: +4 · Incorrect: -1

7 Sara's birthday falls on Friday, 15th August this year. Which day will her birthday fall on next year if next year is a leap year?

☐ Tuesday

☐ Thursday

☐ Sunday

☐ Monday

☐ Saturday

Correct: +4 · Incorrect: -1

8 An eraser costs \$5 less than a pencil. If 5 pencils and 5 erasers cost \$40, what is the price of 2 pencils?

☐ \$6.50

☐ \$1.50

☐ \$130

☐ \$13

☐ \$65

Correct: +4 · Incorrect: -1

9 If the product of two numbers is 154 and their sum is 25, find the smaller of the 2 numbers.

☐ 7

☐ 22

☐ 14

☐ 11

☐ 4

Correct: +4 · Incorrect: -1

10 Henry was driving a car in such a way that after every 10 minutes he increased his speed and covered 1 km extra than the previous 10 minutes. If he drove 2 km in the first 10 minutes, how many km did he cover in an hour?

☐ 27

☐ 20

☐ 12

☐ 24

☐ 25

Correct: +4 · Incorrect: -1

11 If three students were to pick one ball each from a bag with 3 different coloured balls, how many different ways are there?

☐ 6

☐ 3

☐ 8

☐ 9

☐ 4

Correct: +4 · Incorrect: -1

12 What is the 11th term in the pattern below?
17, 20, 25, 32, 41, ...

☐ 116

☐ 137

☐ 126

☐ 160

Correct: +4 · Incorrect: -1

- 13 A new number is formed by placing a zero between 3 and 7 of the number 23791. Find the difference between the two numbers.

- ☐ 2070
- ☐ 20700
- ☐ 207000
- ☐ 20710
- ☐ 20791

Correct: +4 · Incorrect: -1

- 14 A rectangle is formed by placing two squares of the same size next to each other. If the perimeter of the square is 60 cm, find the area of the rectangle in cm^2 .

- ☐ 288
- ☐ 450
- ☐ 354
- ☐ 360
- ☐ 225

Correct: +4 · Incorrect: -1

- 15 Radha has to cut small strips of ribbon of 5 cm each. But after every 3 strips of 5 cm, she cuts a strip of 4 cm mistakenly. If a total roll of 100 cm was cut into small ribbons, how many 5 cm ribbon strips are there?

- ☐ 15
- ☐ 16
- ☐ 14
- ☐ 19
- ☐ 20

Correct: +4 · Incorrect: -1

Section 2 : Section B Integers - 10 Questions

- 16 A $4\text{ cm} \times 4\text{ cm} \times 4\text{ cm}$ cube is formed by arranging small cubes with dimensions $1\text{ cm} \times 1\text{ cm} \times 1\text{ cm}$. If the big cube is painted blue on all faces, how many small cubes have only 1 side painted?

Correct: +5

- 17 Each student ate three-fifth of a pizza. A total of 18 pizzas were ordered. How many students were there?

Correct: +5

- 18 One-third of Tom's total score was scored in English, two-fourth was scored in Maths and the remaining he scored 45 in French. What was his total score?

Correct: +5

The combined age of David and Harry is 50 years old now. If 10 years ago, David was twice as old as Harry, what will be Harry's age 5 years from now?

19

Correct: +5

If 300 digits were used to print the page numbers of a book, how many pages does the book have?

20

Correct: +5

How many numbers will have the same quotient and remainder when divided by 12?

21

Correct: +5

What will be the sum of the first 50 numbers of the following sequence?

7, 13, 27, 33, 7, 13, 27, ...

22

Correct: +5

There are three boxes labelled with numbers 1, 2 and 3. Each box contains different numbers of different coloured marbles.

- The number of yellow marbles is half of the sum of red and blue marbles.
- There are more blue marbles than red marbles.
- Box 1 has 10 marbles.
- The total number of marbles is 60.

23 How many blue marbles are there?

Correct: +5

Given that $k \times 726$ is a square of 66, find the value of k .

24

Correct: +5

25

A box of apples can be shared equally between 3, 4, 5 or 6 classes. What is the smallest possible number of apples in the box if it had more than 200 but less than 500 apples?

Correct: +5

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ANSWERS

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2. Section B Integers - 10 Questions

Section 1 : Section A MCQs - 15 Questions

1 930

2 3

3 1015

4 15

5 66

6 120

7 Sunday

8 \$13

9 11

10 27