

TEST

AMO Grade4 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

- 1 The cost of a shirt and a tie is \$300. If the tie is cheaper than the shirt by \$60, find the cost of the tie.

- ☐ \$240
- ☐ \$120
- ☐ \$180
- ☐ \$160
- ☐ \$200

Correct: +4 · Incorrect: -1

- 2 If all the numbers from 561 to 569 are added, what will be their sum?

- ☐ 5905
- ☐ 5509

☐ 5095

☐ 5055

☐ 5509

Correct: +4 · Incorrect: -1

3 In a town of 10 905 residents, the number of male voters is more than the number of female voters by 2500. If 911 people are not allowed to vote, how many female voters are there?

☐ 4737

☐ 4037

☐ 3707

☐ 3747

☐ 6247

Correct: +4 · Incorrect: -1

4 -
What is the largest 3-digit number which is divisible by 11 and 5?

☐ 959

☐ 989

☐ 890

☐ 990

Correct: +4 · Incorrect: -1

5 If $EAT + EAT + EAT = 444$, what is $E \times A \times T$?

☐ 36

☐ 32

☐ 23

☐ 13

☐ 26

Correct: +4 · Incorrect: -1

6 -
If the 5-digit number $83m24$ is divisible by 3 and 4, what is the smallest possible value of m ?

☐ 0

☐ 5

☐ 1

☐ 8

☐ 3

Correct: +4 · Incorrect: -1

In the following pattern, what is the sum of $A + B$?

7 15, 17, 21, A , 35, 45, B , ...

☐ 84

☐ 48

☐ 57

☐ 30

☐ 78

Correct: +4 · Incorrect: -1

8 How many times does the digit 5 appear in a book that has 350 pages?

☐ 50

☐ 56

☐ 65

☐ 60

☐ 66

Correct: +4 · Incorrect: -1

Find the sum of digits of the product of $5 \times 8 \times 15$.

9

☐ 28

☐ 60

☐ 6

☐ 10

☐ 8

Correct: +4 · Incorrect: -1

Three fruit vendors make 3 fruit baskets in 3 minutes. How many fruit baskets will be ready if 10 fruit vendors work for 15 minutes?

10

☐ 10

☐ 15

☐ 25

☐ 50

☐ 65

Correct: +4 · Incorrect: -1

Anthony has to finish not more than 100 exercises of Math homework during his summer break. If he finished two-fifths in the first week and three-sevenths in the second week and a total of 12 exercises were left unfinished, how many exercises of Math homework were given to complete during the break?

11

- ☐ 35
- ☐ 95
- ☐ 58
- ☐ 70
- ☐ 80

Correct: +4 · Incorrect: -1

What is the greatest number smaller than 425 and has the sum of the digits of 11?

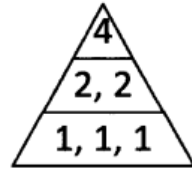
12

- ☐ 542
- ☐ 407
- ☐ 415
- ☐ 416
- ☐ 434

Correct: +4 · Incorrect: -1

The pyramid below is made in such a way that at each layer, a number is the sum of two numbers exactly below it. For example, since there are three 1's at the lowest layer, there are two 2's directly above it and one 4 above the two 2's.

If the lowest layer has five 1s of a similar pyramid, what will be the sum of numbers on the topmost layer?



13

☐ 9

☐ 15

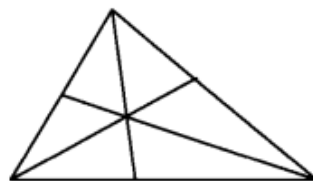
☐ 12

☐ 16

☐ 24

Correct: +4 · Incorrect: -1

Count the number of triangles in the following figure.



14

☐ 16

☐ 19

☐ 10

☐ 13

☐ 15

Correct: +4 · Incorrect: -1

A box contains balls and bats. If three-sevenths of items are balls and there are 32 bats in the box, what is the total number of balls and bats in the box?

15

☐ 56

☐ 64

☐ 65

☐ 77

☐ 60

Correct: +4 · Incorrect: -1

Section 2 : Section B Integers - 10 Questions

What is the greatest 3-digit multiple of 19 that is divisible by 3?

16

Correct: +5

In a book of 100 pages, all the pages with digits that are factors of 5 are torn. How many pages are left now?

17

Fill the numbers 1 to 9 in the box above in such a way that

- Sum of first row = sum of first column = 16
- Sum of second row = sum of second column = 15
- Sum of third row = sum of third column = 14

Then, find the value of $A \times B$.

A	6	
	7	
		B

18

Correct: +5

During a festival, 3500 chairs were required. If one batch has 85 chairs, how many batches of chairs need to be ordered?

19

Correct: +5

On Monday, only five-sixths of the students were present in a class. All the absent students were girls. If two-thirds of the students present were boys and the number of girls who were present on Monday is 15, find the number of students in the class.

20

Correct: +5

Paul can fill a pit in 4 hours. The same pit is filled by Renny in 6 hours. If both of them work together, how many minutes will it take for them to fill the pit?

21

Correct: +5

Robin thought of a five-digit number that begins with 8. Her number is the smallest such number that is divisible by 9. If all digits are different, find the last 4 digits in the number.

22

Correct: +5

Scott, Emily, and Jack chose a number. Emily claimed that the number was an even multiple of 13. Scott mentioned that the number was divisible by 35. Jack said that the number was 4-digit and the sum of the digits was 15. Find the number.

23

Correct: +5

Yasmine set an alarm for every 4 hours. When the 12th alarm rang, the hour hand was on 7. What number on the clock did the hour hand point to when her first alarm rang?

24

Correct: +5

Mangoes were bought and placed into baskets to be distributed in an orphanage. If each basket was filled with 13 mangoes, 54 mangoes were left. But when 16 mangoes were put in the baskets, there was a shortage of 27 mangoes. What is the total number of mangoes bought?

25

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 \$120

2 5095

3 3747

4 990

5 32

6 1

7 84

8 66

9 6

10 50