

TEST

AMO Grade4 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 What is the greatest 3-digit number divisible by 5 and 11?

☐ 899

☐ 990

☐ 992

☐ 995

☐ 999

Correct: +4 · Incorrect: -1

Calculate:

2 $450 \times 3 + 450 \times 17 - 45 \times 190$

☐ 450

☐ 4500

☐ 9000

☐ 900

☐ 8550

Correct: +4 · Incorrect: -1

3 In a leap year, the number of Saturdays was 53. What is the greatest number of Tuesdays possible in such a year?

☐ 50

☐ 51

☐ 52

☐ 53

☐ 54

Correct: +4 · Incorrect: -1

4 What is $\frac{1}{2}$ of $\frac{2}{3}$ of $\frac{6}{9}$ of 549?

☐ 275

☐ 250

☐ 120

☐ 122

☐ 210

Correct: +4 · Incorrect: -1

5 The perimeter of a square is 124 cm. What is the area of the square in cm^2 ?

☐ 31

☐ 248

☐ 15376

☐ 961

☐ 496

Correct: +4 · Incorrect: -1

6 When 500 chairs were distributed equally in 18 rooms, 14 chairs were left over. How many chairs were distributed in each room?

☐ 25

☐ 28

☐ 27

☐ 18

☐ 35

Correct: +4 · Incorrect: -1

7 What is the greatest two-digit number to be added to 95 so that it is divisible by 3?

☐ 89

☐ 99

☐ 98

☐ 97

☐ 94

Correct: +4 · Incorrect: -1

8 If $A+B=28$, $B+C=40$ and $A+C=36$, what is the sum of $5\times A+5\times B+5\times C$?

☐ 280

☐ 360

☐ 500

☐ 480

☐ 260

Find the 10th term in the sequence below.

9

550, 490, 520, 460, 490, 430, ...

- ☐ 390
- ☐ 370
- ☐ 400
- ☐ 460
- ☐ 430

Correct: +4 · Incorrect: -1

Four friends Kevin, Larry, Pam and Sam had 4 bags of 30, 32, 35 and 38 marbles. Sam had more marbles than Pam but did not have the greatest number of marbles. Kevin had the least number of marbles. Which two friends have a total of 70 marbles?

10

- ☐ Kevin and Pam
- ☐ Larry and Pam
- ☐ Sam and kevin
- ☐ Sam and Larry
- ☐ Pam and Sam

Correct: +4 · Incorrect: -1

11 Charlie's age is half of the combined age of Suzy and Brad. Suzy is 4 years younger than Brad who is 10 years old. What is the sum of the ages of 3 of them?

☐ 26

☐ 24

☐ 18

☐ 32

☐ 48

Correct: +4 · Incorrect: -1

12 Josh left his house by car to go to his aunt's house which is 15 km away. He travelled 3 km in the first hour and then started driving at a speed of 2.5 km per hour. How far was he from his aunt's house 4 hours after he left his house?

☐ 10 km

☐ 5 km

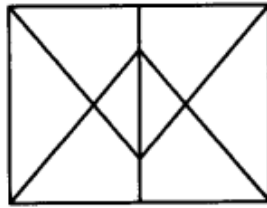
☐ 4.5 km

☐ 10.5 km

☐ 7 km

Correct: +4 · Incorrect: -1

How many triangles are there in the figure below?



13

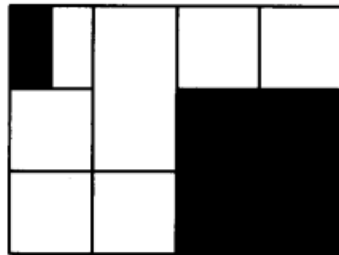
- ☐ 5
- ☐ 6
- ☐ 8
- ☐ 10
- ☐ 12

Correct: +4 · Incorrect: -1

14 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

The large rectangle below is made of 6 squares and 3 rectangles. How many times is the largest square larger than the smallest rectangle?



15

- ☐ 4
- ☐ 8
- ☐ 2
- ☐ 12
- ☐ 16

Correct: +4 · Incorrect: -1

Section 2 : Section B Integers - 10 Questions

A small cube with a side of 6 units is inserted inside the big cube with a side of 8 units. Then some liquid is poured into the big cube. What is the volume (in cubic units) of the liquid poured in?



16

Correct: +2 · Incorrect: -4

17 $(A - 15)$ is an even number. What will be the 10th odd number after it when $A = 21$?

Correct: +2 · Incorrect: -4

The weight of all mangoes in a cart was 3 kg after 10 mangoes were removed. The weight of all mangoes in the cart was 3400 grams if only 8 mangoes were removed. How many mangoes were there in the cart?

18

Correct: +2 · Incorrect: -4

The product of k and 1260 is a square number. If k is a whole number, what is the least possible value of k ?

19

Correct: +2 · Incorrect: -4

On a running track of 100 metres, a flag needs to be placed after every 4 metres, both ends included. How many flags are required?

20

Correct: +2 · Incorrect: -4

200 flowers were used to make a garland in this pattern, 4 red, 3 orange, 5 yellow, 4 red, 3 orange, 5 yellow and so on. What is the difference between the number of red and yellow flowers?

21

Correct: +2 · Incorrect: -4

A boy sat for an exam that had 10 problems to be answered. He got 5 points if answered correctly and 2 points were deducted if answered wrongly or left unanswered. If his final score was 22, how many correct answers did he get?

22

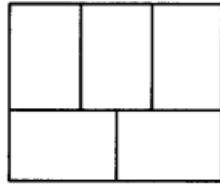
Correct: +2 · Incorrect: -4

At a function, the valet charged \$10 for a motorbike and \$25 for a car. If there were a total of 150 vehicles and 360 tires, how much did the valet earn from only cars?

23

Correct: +2 · Incorrect: -4

A large rectangle was divided into 5 identical rectangles. The small rectangle has a width of 8 cm. What is the perimeter of the large rectangle in cm?



24

Correct: +2 · Incorrect: -4

The keys to nine rooms are all mixed up in a box. What is the least number of times you must try the keys such that you match the correct key to its room lock?

25

Correct: +2 · Incorrect: -4

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ANSWERS

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2. Section B Integers - 10 Questions

Section 1 : Section A MCQs - 15 Questions

1 990

2 450

3 52

4 122

5 961

6 27

7 97

8 260

9 370

10 Larry and Pam