

TEST

AMO Grade 2 Mock Test Paper 4

QUESTIONS

SECTIONS

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

Section 1 : Sec A MCQs - 15 Questions

SECTION INSTRUCTIONS

Calculators Not Allowed

1 Find the sum: $2 + 8 + 12 + 18 + 22 + \dots + 92 + 98$.

- ☐ 2000
- ☐ 900
- ☐ 800
- ☐ 1000
- ☐ 1100

Correct: +4

2 A two-digit number is doubled and added to 25. The new number is three times the original number. What is the original number?

☐ 20

☐ 60

☐ 50

☐ 75

☐ 25

Correct: +4

3

Suppose today is 15th August, Friday. How many Sundays will there be as of 30th October?

☐ 10

☐ 11

☐ 8

☐ 12

☐ 9

Correct: +4

4

Find the difference between two factors of 72 such that their sum is 40.

☐ 60

☐ 32

☐ 36

☐ 9

☐ 24

Correct: +4

5 $76 \times 8 + 12 \times 8 + 2 \times 8$

☐ 170

☐ 800

☐ 900

☐ 720

☐ 810

Correct: +4

6 The product of 58×24 is

☐ More than 1500

☐ Between 1000 and 1500

- ☐ Between 500 and 1000
- ☐ . Between 100 and 500
- ☐ Less than 100

Correct: +4

7 Louis was riding his bike around the park. He rode 5 and a half rounds before he stopped to rest. Assuming he rode his bike at a constant speed, if he completed 2200 metres, what is the distance covered by him after one round, in metres?

- ☐ 450
- ☐ 250
- ☐ 400
- ☐ 500
- ☐ 350

Correct: +4

8 If $5A8 + B2$ adds up to 600, what is the largest possible difference between digit A and digit B?

- ☐ 7
- ☐ 6

☐ 3

☐ 1

Correct: +4

9 When we subtract 10 from a number, the result is divisible by 2, 5 and 7. Find the smallest such number.

☐ 35

☐ 60

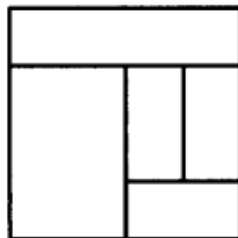
☐ 70

☐ 45

☐ 80

Correct: +4

How many rectangles of any size are there in the figure given?



10

☐ 7

☐ 6

- ☐ 8
- ☐ 9
- ☐ 10

Correct: +4

11 A pile of cards has numbers from 1 to 100 written on them. The first child gets a card with the number 1, the second child gets two cards with numbers 2 and 3, the third child gets 3 cards with numbers 4, 5, and 6, and so on. Which child will get a card with the number 50 written on it?

- ☐ 10th
- ☐ 12th
- ☐ 15th
- ☐ 20th
- ☐ 22nd

Correct: +4

12 Grace and Freddy tossed a coin three times each. If Grace got a head in the first toss and Freddy got a tail in the last toss, how many different ways are there that they get the same outcome?

- ☐ 4
- ☐ 2

☐ 6

☐ 8

☐ 3

Correct: +4

13 Bret has fewer marbles than Ruby but more than Teresa. Patrick has fewer marbles than Suzy and fewer marbles than Bret. Teresa has fewer marbles than Suzy but she does not have the least number of marbles. Who has the least number of marbles?

☐ Teresa

☐ Bret

☐ Patrick

☐ Ruby

☐ Suzy

Correct: +4

-
In the sequence below, each letter represents a number. The sum of any three neighbouring numbers is 19. What is the value of the letter *D*?

14 $A, 7, 9, B, C, D$

☐ 10

☐ 9

☐ 7

☐ 3

☐ 5

Correct: +4

Todd, Yasmine and Dorothy distributed a box of 35 chocolates in such a way that Todd got the same number of chocolates as Dorothy but twice as much as Yasmine. How many chocolates did Dorothy get?

15

☐ 14

☐ 7

☐ 21

☐ 28

☐ 20

Correct: +4

Section 2 : Sec B Integers - 10 Questions

Carry took a nap in the afternoon for 35 minutes. If she woke up at 4.00 pm, what time did she sleep? Write your answer in 4-digit number format, e.g., if the time is 1.50 am or 1.50 pm, write 0150.

16

Correct: +5

Correct: +5

Veena was watching a movie on Netflix. She finished watching one-third of the movie and took a break. If she would have watched for 12 minutes more, she would have finished watching half of the movie. How long is the movie (in minutes)?

18

Correct: +5

If the sum of three even consecutive numbers is 78, find the largest number.

19

Correct: +5

A four-digit number lock was installed at Tim's door. He said that the tens digit is the sum of the hundreds and thousands digits. Also, the ones digit is one-third of the tens digit. If the sum of all the digits is 21, find the digit at the tens place.

20

Correct: +5

Olivia gave 18 cookies to Lara. Now, Lara has twice as many cookies as Olivia. If the total number of cookies they had at first was 105, how many cookies did Olivia have at first?

21

Correct: +5

Numbers 11, 12, 13, 14, 15 and 16 were printed on 6 cards. Two players picked three cards each. If the sum of numbers of Player 1's cards was 42 and Player 2 has three cards with consecutive numbers, what is the sum of the smallest and the greatest of Player 2's cards?

22

Correct: +5

Each term of a sequence of numbers was obtained by subtracting the same number from the previous term. The 1st term is 257 and the 5th term is 209. What is the 15th term of this sequence?

23

Correct: +5

What is the sum of the first 10 multiples of 6?

24

Correct: +5

Find the value of P

18		
4	5	2

17		
7	3	4

20		
5	5	5

38		
P	5	7

25

Correct: +5

TEST

AMO Grade 2 Mock Test Paper 4

ANSWERS

SECTIONS

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

Section 1 : Sec A MCQs - 15 Questions

1 1000

2 25

3 11

4 32

5 720

6 Between 1000 and 1500

7 400

8 7

9 80

10 9