

### IMO Class 02

Total Questions: 35

Time: 60 min

1. Find the missing number in the pattern:  
100, 95, 85, 70, 50, \_\_\_

A) 25    B) 30    C) 35    D) 20

2. If 'Yesterday' was Sunday, what day will be the 'day after tomorrow'?

A) Monday    B) Tuesday

C) Wednesday    D) Thursday

3. In a line of children, Rohan is 7th from the left and 9th from the right. How many children are in the line?

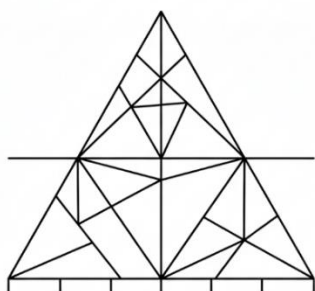
A) 15    B) 16    C) 14    D) 17

4. Find the odd one out.

A)  $2 + 2 + 2$     B)  $3 + 3$

C)  $4 + 4$     D)  $6 + 0$

5. How many triangles are there in the given figure?



A) 8    B) 10    C) 12    D) 14

6. If a car is called a 'train', a train is called a 'bicycle', and a bicycle is called an 'aeroplane', what would you use to travel on a railway track?

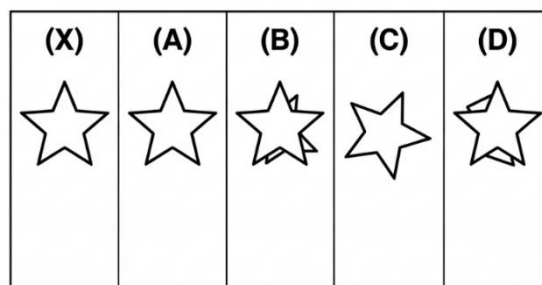
A) Car    B) Train

C) Bicycle    D) Aeroplane

7. Which number will replace the question mark? 4, 8, 12, 16, ?

A) 18    B) 20    C) 22    D) 24

8. Select the figure that is exactly the same as the figure on the left.



9. What comes next in the sequence? A1, B2, C3, D4, \_\_\_

A) F6    B) E5    C) G7    D) E4

10. Arrange the following words in a meaningful order: 1. Plant, 2. Seed, 3. Fruit, 4. Flower

A) 2, 1, 4, 3    B) 1, 2, 3, 4

C) 2, 4, 1, 3    D) 3, 1, 2, 4

11. Which of the following is the same as 3 hundreds, 14 tens, and 5 ones?

A) 345    B) 3145    C) 445    D) 543

12. What is the value of  $189 + 111 - 100$ ?

A) 200    B) 300    C) 180    D) 220

13. A shop has 4 boxes of crayons. Each box has 8 crayons. How many crayons are there in total?

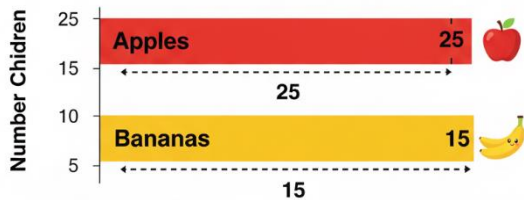
A) 28    B) 12    C) 32    D) 36

14. How many more children chose apples than bananas?

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- A) 5    B) 10    C) 15    D) 20

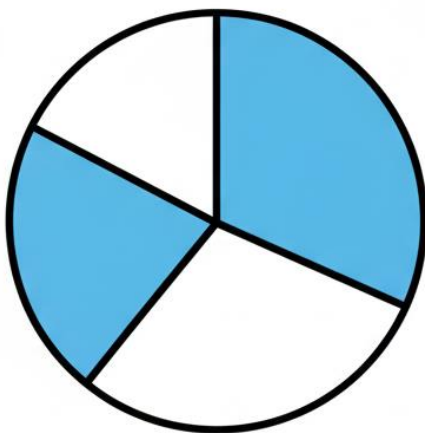
15. If one teddy bear weighs the same as 3 balls, how many balls will balance two teddy bears?

- A) 3    B) 5    C) 6    D) 4

16. Which number sentence is correct?

- A)  $4 \times 5 = 25$                       B)  $10 \div 2 = 6$   
C)  $30 + 15 = 45$                     D)  $50 - 25 = 20$

17. What fraction of the figure is shaded?



- A)  $\frac{1}{4}$     B)  $\frac{3}{8}$     C)  $\frac{5}{8}$     D)  $\frac{1}{2}$

18. I am a 2-digit number. The digit in my tens place is 3 more than the digit in my ones place. My ones place digit is 5. Who am I?

- A) 25    B) 58    C) 85    D) 52

19. A ribbon is 90 cm long. Another ribbon is 65 cm long. How much longer is the first ribbon than the second one?

- A) 15 cm                      B) 25 cm  
C) 35 cm                      D) 155 cm

20. Which of these is the heaviest?

- A) 2 kg of Cotton                      B) 1 kg of Iron  
C) 2 kg of Sugar                      D) Both A and C

21. Riya started her homework at 4:30 PM and finished it at 5:15 PM. How long did she take?

- A) 30 minutes    B) 45 minutes  
C) 1 hour                      D) 15 minutes

22. A pencil costs ₹5 and a notebook costs ₹20. How much do you need to pay for 3 pencils and 1 notebook?

- A) ₹25    B) ₹30    C) ₹35    D) ₹40

23. There are 28 students in a class. If the teacher wants to make 4 equal groups, how many students will be in each group?

- A) 6    B) 7    C) 8    D) 9

24. A jug can hold 2 litres of water. A glass can hold 250 ml. How many glasses of water can be filled from a full jug?

- A) 4    B) 6    C) 8    D) 10

25. A leap year has \_\_\_\_\_ days.

- A) 365    B) 366    C) 356    D) 360

26. Which of the following shows ₹55?

- A) One ₹50 note and one ₹10 note  
B) Five ₹10 notes and one ₹2 coin  
C) One ₹50 note and one ₹5 coin

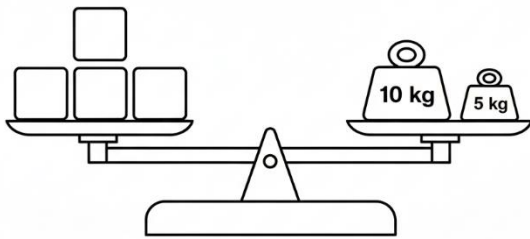
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D) Two ₹20 notes and one ₹5 coin

27. Look at the balance scale. What is the weight of one square block?



A) 5 kg      B) 10 kg

C) 15 kg      D) 20 kg

28. A bus travels 25 km in one hour. How far will it travel in 3 hours?

A) 50 km      B) 65 km

C) 75 km

D) 85 km

29. Which month has the least number of days?

A) January      B) February

C) March      D) December

30. A movie starts at 6:00 PM and is 2 hours long. What time will it end?

A) 7:00 PM      B) 8:00 PM

C) 9:00 PM      D) 8:30 PM

31. Sam has 4 red marbles, 5 blue marbles, and 6 green marbles. He gives half of his green marbles and 2 blue marbles to his friend. How many marbles does Sam have now?

A) 10      B) 15      C) 12      D) 8

32. The total weight of a basket with apples is 5 kg. If the weight of the basket is 500 g,

what is the weight of only the apples? (1 kg = 1000 g)

A) 4 kg      B) 4 kg 500 g

C) 5 kg 500 g      D) 3 kg 500 g

33. I have 3 coins in my pocket. The total value is ₹8. What are the coins?

A) Three ₹2 coins and one ₹2 coin

B) One ₹5 coin, one ₹2 coin, and one ₹1 coin

C) Two ₹2 coins and one ₹5 coin

D) Four ₹2 coins

34. There are 5 dogs in a park. Each dog has 4 legs. There are also 3 children, and each child has 2 legs. What is the total number of legs in the park?

A) 20      B) 26      C) 14      D) 32

35. A number is greater than 20 but less than 30. It is the sum of 3 multiplied by 8. What is the number?

A) 22      B) 24      C) 26      D) 28