



BMO Bloom
Maths
Olympiad

GRADE
2

Bloom Maths Olympiad Sample Paper 1

Maximum Time : 60 Minutes

Maximum Marks : 35

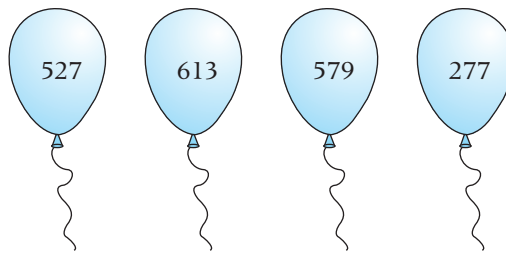
INSTRUCTIONS

1. There will be 35 Multiple Choice Questions in this paper, carrying 1 mark each.
2. Each question has Four Options out of which **ONLY ONE** is correct.
3. All questions are compulsory.
4. There is no negative marking.
5. No electronic devices capable of storing and displaying visual information such as calculator and mobile are allowed during the course of the exam.

School Name

Student's Name

1. Arrange the numbers on the balloons in ascending order?



- (a) 579, 613, 527, 277
(b) 613, 579, 527, 277
(c) 277, 527, 579, 613
(d) 613, 579, 277, 527

2. Complete the pattern:

110, 112, , , 118, 120, 122

- (a) 116, 114 (b) 114, 116 (c) 116, 108 (d) 110, 120

3. There are 126 ice-creams. These ice-creams should be equally divided among 7 girls, how many ice-creams each girl will get?

- (a) 15 (b) 18 (c) 17 (d) 16

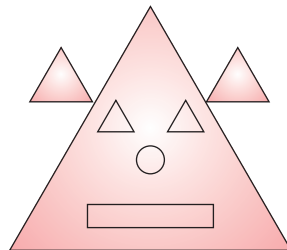
4. The minute hand takes minutes to move from 5 to 11.

- (a) 30 (b) 10 (c) 20 (d) 40

5. Sonu had ₹ 45 in his pocket. He went to a shop to purchase a pen of cost ₹ 60 for his father. How much more money did he need to purchase the pen?

- (a) 15 (b) 20 (c) 25 (d) 10

6. How many triangles are there in the figure given below?



- (a) 4 (b) 3 (c) 6 (d) 5

7. Sumona bought 25 pencils. Each pencil costs ₹ 4. What is the cost of all pencils?

- (a) 102 (b) 120 (c) 110 (d) 100

8.



Ram had money shown in the above image.

He want to purchase a toy car which cost ₹ 95.

After purchasing the car what amount was left with Ram?

- (a) 35 (b) 25 (c) 30 (d) 20

9. If the weight of 10 books is equal to 8 notebooks. Then the weight of 16 notebooks is equal to

- (a) 16 books (b) 18 books (c) 20 books (d) 22 books

10. Neeraj has 97 oranges. His friend gave him 23 more oranges. If Neeraj packed them in a box of 6 oranges. How many boxes were made by him?

- (a) 19 (b) 20 (c) 21 (d) 18

Directions (Q.Nos. 11 and 12) *Read the following data carefully and choose the best option.*

Classes	Number of students
Class 5	20
Class 6	18
Class 7	26
Class 8	28
Class 9	23

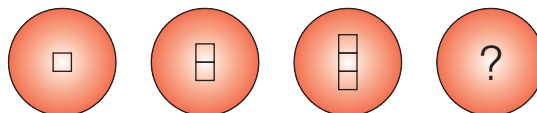
11. Which class has the second largest number of students?

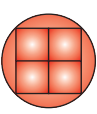
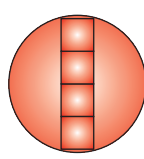
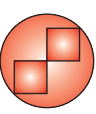
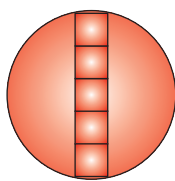
- (a) Class 7 (b) Class 8 (c) Class 5 (d) Class 9

12. The total number of students in class 5 and class 7 together is

- (a) 45 (b) 48 (c) 43 (d) 46

13. Complete the pattern.



- (a)  (b)  (c)  (d) 

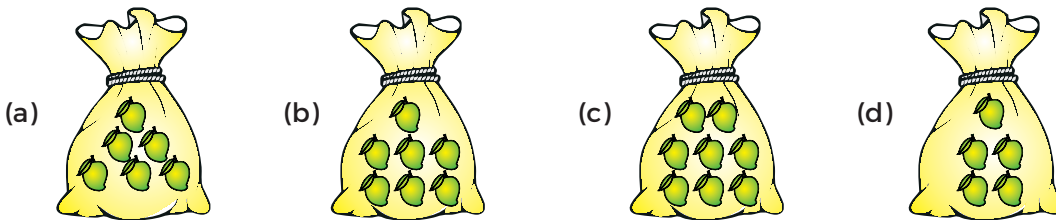
14. What is the 6th odd number starting from 4?

- (a) 17 (b) 15 (c) 19 (d) 21

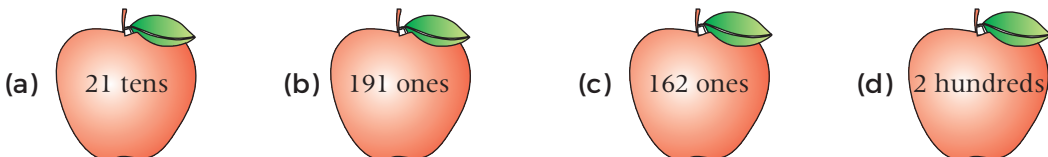
15. The hour hand of a clock is between 4 and 5, and the minute hand is at 3, then the time in the clock will be

- (a) 4 : 30 (b) 3 : 50 (c) 3 : 10 (d) 4 : 15

16. Shyam had 78 apples. Out of them, 18 were rotten. How many fresh apples, Shyam had?
(a) 55 (b) 65 (c) 75 (d) 60
17. A lion has 4 legs. How many legs 24 such lions will have?
(a) 96 (b) 92 (c) 102 (d) 98
18. Rohit earns ₹ 350 in a week. Hitesh earns ₹ 120 more than Rohit in a week. How much total money do both of them earn in a week?
(a) 470 (b) 800 (c) 820 (d) 950
19. Which is the lightest in weight in the following options?

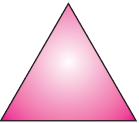

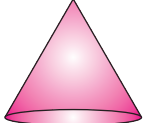


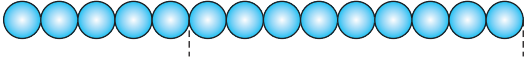


20. Which apple shows the smallest value?

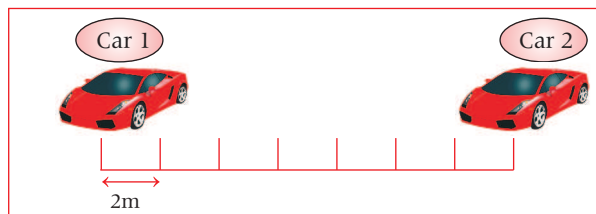


21. Find the missing number in the box?

$$46 - \square = 41$$

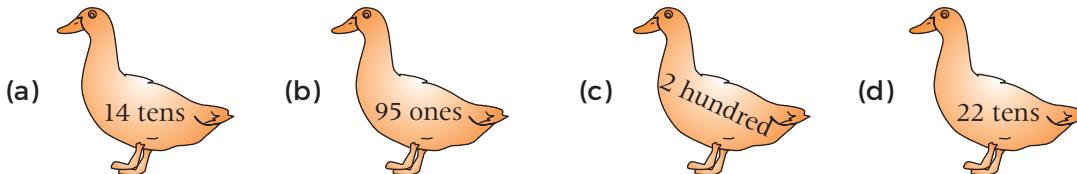
- (a) 6 (b) 41 (c) 5 (d) 9
22. Identify the cone in the following?
- (a)  (b)  (c)  (d) 
23. Shivani drinks 7 L of water everyday. How many litres of water does she drink in a week?
(a) 36 (b) 45 (c) 48 (d) 49
24. Aslam bought a bat for ₹ 250 and a ball for ₹ 40. He gives a ₹ 500 note to the shopkeeper, then how much will he get back?
(a) ₹ 210 (b) ₹ 220 (c) ₹ 240 (d) ₹ 290
25. If  is of 3m length. Find the total length as shown in image?

- (a) 20 m (b) 21 m (c) 24 m (d) 18 m

26. What is the distance between the two cars?



- (a) 10 m (b) 14 m (c) 12 m (d) 16 m

27. Which duck has the largest value?



Directions (Q.Nos. 28 and 29) Read the given information carefully and choose the correct option.

Rohan measured the height of 6 students in his class.

Name of the Student	Height (in cm)
Sunil	65 cm
Karishma	85 cm
Tarun	95 cm
Aastha	70 cm
Ruby	65 cm
Shubham	75 cm

28. How many students are of height 65 cm?

- (a) 1 (b) 3 (c) 5 (d) 2

29. What is the maximum height and name that student?

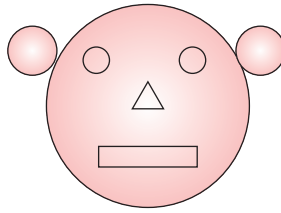
- (a) 85 cm, Karishma (b) 75 cm, Shubham
 (c) 95 cm, Tarun (d) 65 cm, Sunil

30. Complete the pattern.



- (a) (b) (c) (d)

31. How many circles are there in the figure given below?



- (a) 3 (b) 5 (c) 4 (d) 6
32. 64 students are placed equally in 8 rows. How many children are there in each row?
(a) 8 (b) 7 (c) 9 (d) 6
33. 3 less than largest two-digit number is
(a) 99 (b) 96 (c) 102 (d) 101
34. What is the time difference between 10 : 30 am and 2 : 00 pm?
(a) 1 h 20 min (b) 2 h 30 min
(c) 3 h 30 min (d) 1 h 30 min
35. Each side of the given figure is 3 cm long. How much rope is required to form this figure? (All sides are equal)



- (a) 10 (b) 9 (c) 11 (d) 12

Hence, option (d) is correct.

8. (b) Ram had the amount = ₹ 100 + ₹ 20 = ₹ 120
 Cost of toy car = ₹ 95
 Amount left with him = ₹ 120 – ₹ 95 = ₹ 25
 So, option (b) is correct.

Rough Work

$$\begin{array}{r} \textcircled{11} \textcircled{10} \\ 120 \\ - 95 \\ \hline 25 \end{array}$$

9. (c) Weight of 8 notebooks = 10 books
 \therefore Weight of 16 notebooks = 20 books [multiply by 2 both sides]
 Hence, option (c) is correct.

Rough Work

$$\begin{array}{r} \textcircled{1} \\ 97 \\ + 23 \\ \hline 120 \end{array}$$

and

$$\begin{array}{r} 6 \overline{)120} \overline{)20} \\ \underline{12} \\ 0 \\ \underline{0} \\ x \end{array}$$

10. (b) Number of oranges Neeraj has = 97
 Number of oranges given by his friend = 23
 Total number of oranges = 97 + 23 = 120
 Number of oranges packed in a box = 6
 \therefore Number of boxes = $120 \div 6 = 20$
 Hence, option (b) is correct.

11. (a) The number of students in descending order are 28, 26, 23, 20, 18. So, class 7 has second largest number of students i.e. 26.

Hence, option (a) is correct.

Rough Work

$$\begin{array}{r} 20 \\ + 26 \\ \hline 46 \end{array}$$

12. (d) Number of students in class 5 = 20
 Number of students in class 7 = 26
 Total students = 20 + 26 = 46
 Hence, option (d) is correct.

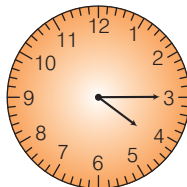
13. (b) The pattern given in the question follows a rule of increasing number of figure (box).
 So, 1 figure \rightarrow 2 figures \rightarrow 3 figures \rightarrow 4 figures
 Hence, option (b) is correct.

14. (b) Odd numbers after 4 is

5, 7, 9, 11, 13, 15
 1st 2nd 3rd 4th 5th 6th

Hence, option (b) is correct.

15. (d)



If hour hand is between 4 and 5 and minute hand is at 3, then the time will be 4:15.

Hence, option (d) is correct.

Rough Work

$$\begin{array}{r} 78 \\ - 18 \\ \hline 60 \end{array}$$

16. (d) Number of apples Shyam has = 78

Number of apples rotten = 18
Number of fresh apples = $78 - 18 = 60$
Hence, option (d) is correct.

Rough Work

$$\begin{array}{r} \textcircled{1} \\ 24 \\ \times 4 \\ \hline 96 \end{array}$$

17. (a) 1 lion has legs = 4
24 lion have legs = $4 \times 24 = 96$
Hence, option (a) is correct.

Rough Work

Hitesh earns	350	and	350
	+120	earn	+470
	<u>470</u>	both	<u>820</u>

18. (c) Money earn by Rohit = ₹ 350
Money earn by Hitesh = ₹ 350 + ₹ 120 = ₹ 470
Money earn by both of them = ₹ 350 + ₹ 470 = ₹ 820
Hence, option (c) is correct.

19. (d) Option (a), Bag contains 6 mangoes.
Option (b) Bag contains 7 mangoes.
Option (c) Bag contains 8 mangoes.
Option (d) Bag contains 5 mangoes.
So, Bag is the lightest among others.
Hence, option (d) is correct answer as the number of mangoes are the least.

20. (c) From option (a), 21 tens = 210
Option (b), 191 ones = 191
Option (c), 162 ones = 162
Option (d), 2 hundreds = 200
So, 162 is the smallest value among them.
Hence, option (c) is correct answer.

Rough Work

$$\begin{array}{r} 46 \\ -41 \\ \hline 5 \end{array}$$

21. (c) From option (c) $46 - \boxed{5} = 41$
So, option (c) is correct.

22. (c) Option (c) is correct image of cone because its base is circular and upper surface is triangular.
So, option (c) is correct.

23. (d) Amount of water drunk by Shivani in a day = 7 L.
Amount of water drunk by Shivani in a week = $7 \times 7 = 49$ L. (1 week = 7 days)
Hence, option (d) is correct.

Rough Work

$$\begin{array}{r} \textcircled{10} \\ 500 \\ -290 \\ \hline 210 \end{array}$$

24. (a) Cost of bat = ₹ 250
Cost of ball = ₹ 40
Total cost = ₹ 250 + ₹ 40 = ₹ 290
Note of ₹ 500 given to shopkeeper by Aslam.
Money get back to Aslam = ₹ 500 - ₹ 290 = ₹ 210
So, option (a) is correct.

25. (b) Given,  = 3 m

If we count there is a 7 span of  in the total length.

So, length = $7 \times 3 = 21$ m

Hence, option (b) is correct.

26. (b) If we count there is 7 step of 2 m each.

Total distance between two cars = $7 \times 2 = 14$ m

So, option (b) is correct.

27. (d) From, option (a), 14 tens = 140

Option (b) 95 ones = 95

Option (c) 2 hundreds = 200

Option (d) 22 tens = 220

So, 220 is the largest value among them.

Hence, option (d) is correct.

28. (d) From the table, we can observe only 2 students (Sunil and Ruby) are of height 65 cm.

Hence, option (d) is correct.

29. (c) Option (c) is correct, Tarun has the maximum height i.e. 95 cm.

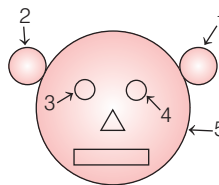
30. (c) The pattern given in the question follows a rule of increasing number of same figure around out side.

So, option (c) is correct.

31. (b) Count the circle in the given figure

Number of circles in the figure is 5.

Hence, option (b) is correct.



32. (a) Total number of students = 64

Number of rows = 8

Number of children in each row = $64 \div 8 = 8$

So, option (a) is correct.

33. (b) Largest two-digit number is 99.

\therefore 3 less than largest two-digit number = $99 - 3 = 96$

So, option (b) is correct.

34. (c) Time difference between 10:30 am to 12:00 noon = 1 h 30 min

Time difference between 12:00 noon to 2:00 pm = 2 h

\therefore The difference between 10 : 30 am and 2 : 00 pm = 1 h 30 min + 2 h = 3 h 30 min

Hence, option (c) is correct.

Rough Work

$$\begin{array}{r} 8 \overline{)64} \quad (8 \\ \underline{64} \\ x \end{array}$$

Rough Work

$$\begin{array}{r} 99 \\ -3 \\ \hline 96 \end{array}$$

35. (d) Each side = 3 cm

\therefore All sides are of equal length.

\therefore Rope required to form the image given in question = $3 \times 4 = 12$ cm

Hence, option (d) is correct.