

Bhavan's Olympiad Foundation (BOF) – 2025

Class: 4
Time: 1 Hour

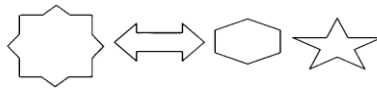
Subject: Mathematics
Full Marks: 50

Instructions -

(i) Question no. 1 to 40 carries on 1 mark.

(ii) Question no. 41 to 45 carries 2 marks.

1. What is the sum of 1245 and 2567?
a) 3812 b) 3712 c) 3802 d) 3902
2. A number is subtracted from 5000 and the result is 3234. What is the number?
a) 2450. b) 3266 c) 1766 d) 4096
3. Find the number which has 3 in the lakhs place, 2 in the thousands place, 9 in the ones place.
a) 302009 b) 320009 c) 320901 d) 3102109
4. Which of the following is not correct?
a) $439 + 561 = 1000$ b) $800 + 200 = 1000$
c) $123 + 876 = 999$ d) $123 + 879 = 1000$
5. Find the missing Number
 $\underline{\hspace{1cm}} + 345 = 789$
a) 450 b) 444 c) 464 d) 409
6. . What is the difference between the place value and face value of 6 in the number 864291?
a) 6000 b) 5994 c) 5940 d) 5990
7. A shopkeeper has 125 candies. He puts 5 candies in each box. How many boxes does he need?
a) 20 b) 25 c) 30 d) 35
8. Look at the following shapes. How many shapes has or have both parallel / perpendicular lines?



- a) 1 b) 3 c) 2 d) 4
9. How many symmetry in **E**
a) One b) Three c) Two d) Four
10. A _____ is a chord that passes through the centre of the circle.
a) radius b) chord c) centre d) diameter
11. Fill in the blanks with '<' '>' or '='
 $5 \times 70 \underline{\hspace{1cm}} 200$
a) > b) = c) < d) 0
12. How many symmetrical is possible:
a) no b) one
c) three d) two



13. A set of pen costs Rs. 600. Find the cost of 20 such pens:

- a) 12,000 b) 10,000 c) 13002 d) 11,000

14. Which pattern is it :



- a) reducing b) increasing c) repeating d) growing

15. Use 1, 0, 4, 1, 6 and build the smallest 5-digit number

- a) 10,146 b) 11,640 c) 10,461 d) 10,641

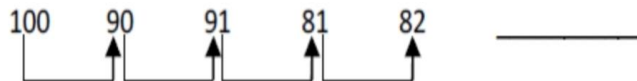
16. The successor of the greatest 6-digit number is :

- a) 1, 00,00,000 b) 1, 00,000 c) 10,00,000 d) 10,000

17. Write the number in compact form : $30,000 + 700 + 2,000 + 10 + 6$

- a) 37,216 b) 67,312 c) 32,716 d) 27,316

18. Write the next number in each of the following :



- a) 72 b) 73 c) 78 d) 74

19. Kriti puts the tiles shown below into an empty bag and mixes them up.



What fraction of letters on the tiles are vowels?

- a) $\frac{4}{10}$ b) $\frac{4}{9}$ c) $\frac{5}{9}$ d) $\frac{2}{9}$

DIRECTIONS (20-21) : The given pictograph shows the number of different fruits sold in a week. Study the graph and answer the following questions.

Fruits	Fruits sold in a week
Apples	    
Bananas	   
Mangoes	     
Grapes	  

Key  = 10 fruits

20. How many more mangoes were sold than grapes?

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

21. What is the total number of fruits sold?

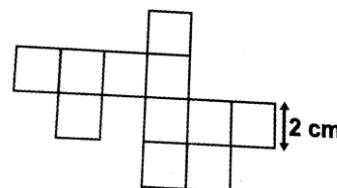
- a) 180 b) 200 c) 220 d) 210

22. How many hundreds are there in $97321 + 4057$?

- a) 78 b) 1300 c) 3 d) 5

23. What is the perimeter of the given figure?

- a) 48 cm b) 44 cm
c) 42 cm d) 46 cm



24. How many minutes should be added to the given time to make it quarter to 5?

- a) 45 min b) 40 min
c) 55 min d) 25 min



25. Find all the factors of 12.

- a) 2,3,4,6 b) 1,2,3,4,6 c) 1,2,4,6,12 d) 1,2,3,4,6,12

26. Raghav has a ribbon of length 5m. He cuts it into equal pieces for 25 students what is the ribbon length of each student will get?

- a) 20 cm b) 1 m c) 25 cm d) 25 m

27. Varun bought 80 ice cream bricks for a party. The total cost of bricks was ₹ 640. Cost of 1 ice cream cream brick is _____.

- a) ₹ 800 b) ₹8 c) ₹ 80 d) ₹ 900

28. Identify the number using the given clues.

- i) I am an odd number.
ii) My tens digit is the greatest one digit number.
iii) My hundreds digit is an even number.
iv) My thousands digit is the least odd number.

- a) 2497 b) 1495 c) 2698 d) 2785

29. If a whole number is divided into 78 parts and 11 parts of these are shaded, the fraction of the shaded part is ____.

- a) $89/78$ b) $7/11$ c) $67/78$ d) $11/78$

30. If the radius of a circle is 4.5 cm. It's diameter will be ____

- a) 90 cm b) 49 cm c) 96 cm d) 9 cm

31. How many grams are there in 3.5 kilograms?

- a) 350 g b) 3500 g c) 3050 g d) 3005 g

32. What comes next in this pattern?

Z, X, V, T, ____.

- a) R b) S c) Q d) U

33. Which of the following is meaningless?

- a) XV b) XIX c) IXIV d) XXIV

34. 13746 is 13700 when rounded off to the nearest _____.

- a) Tens b) Hundreds c) Thousands d) Ten thousands

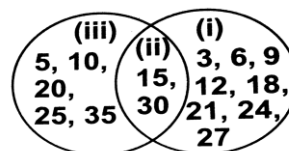
35. Two children were playing a game using blocks with the numbers written on them. A child asked his friend to form the smallest 5-digit odd number with the given blocks.

3	0	2	7	6
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- a) 02367 b) 20367 c) 30267 d) 23076

36. The numbers in region (ii) shows the number which can be divided by _____ both.

- a) 5 and 3 b) 15 and 9
c) 20 and 9 d) 5 and 20



37. The smallest multiple of a number is ____.

- a) Number itself b) 1 c) 0 d) None of these.

38. Subtract 185.72 from 401.

- a) 201.28 b) 223.28 c) 214.28 d) 215.28

39. Mira has ₹ 439 in her piggy bank. The amount she has in paise is ____

- a) 43.9 paise b) 4390paise c) 43900 paise d) 439 paise

40. Joya is 5 kg lighter than Seema. Maya is 12 kg heavier than Seema. If Seema is 25 kg then, what is the total weight of Seema, Joya and Maya?

- a) 102 kg b) 82 kg c) 85 kg d) 92 kg

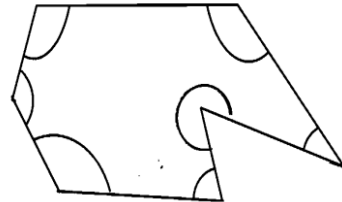
Achiever's Section

41. I am a 3-digit number. The sum of my digits is 15. I am greater than 400 but less than 500. What number can I be?

- a) 429 b) 439 c) 491 d) 455

42. Which one of the following statements about the figure is true?

- a) It has 6 angles.
b) It has 2 right angles.
c) It has 3 angles which are more than 90° .
d) It has 3 angles which are less than 90° .



43. Think of a number. Multiply it by 12. Add 6. Multiply by 3. Subtract 9. Divide by 11. The result is 27. What is the number?

- a) 4 b) 40 c) 8 d) 5

44. Select the CORRECT option.

- a) $XIV + XXXVI = 66$ b) $XX - VIII = 3$
c) $XXXV + XXIX = 64$ d) $LX - XXXIX = 23$

45. How many angles are there in the given figure?

- a) 7 b) 15
c) 9 d) 19

