Bhavan's Tripura Vidyamandir

2nd Periodic Assessment : (2024-2025)

Class:- 6 **Subject:- Mathematics**

Time:- 2 Hours Total :- 50 Marks

Name of the student : Roll: Section:

General Instruction:

- **Section A** contains 5 questions (1 to 5) each carries 1 mark.
- **Section B** contains 1 case-study (6 to 10) each carries 1 mark.
- **Section C** contains 5 questions (11 to 15) each carries 2 marks.
- **Section D** contains 6 questions (16 to 21) each carries 3 marks.
- **Section E** contains 3 questions (22 to 24) each carries 4 marks.

Section A

1. The additive inverse of (-54) is

   a) 50 b) -53 c) 54 d) 0

2. The decimal 0.51 into fraction is

   a) $\frac{51}{100}$ b) $\frac{51}{10}$ c) $\frac{51}{1000}$ d) $\frac{51}{200}$

3. A simple closed figure formed by three or more-line segments is called

   a) Polygon b) Square c) Kite d) Rhombus

4. The predecessor of -125 is

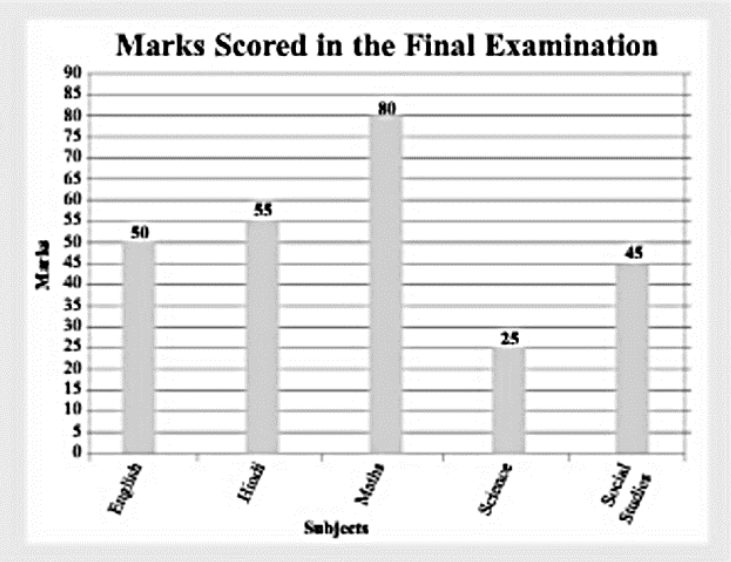
   a) +124 b) -126 c) +126 d) -124

5. The horizontal line on a graph is called -

   a) x-axis b) y-axis c) z-axis d) None

Section B

The following bar graph that shows the marks obtained out of 100 by a student in different subjects in the final examination. Base on the above information answer the following questions.



6. Name the subject in which the student scored maximum marks.

   a) English b) Hindi c) Mathematics d) Science

7. Name the subject in which the student scored minimum marks.

   a) English b) Hindi c) Mathematics d) Science

8. How much marks were obtained in English?

   a) 50 b) 55 c) 80 d) 25

9. How much more marks were obtained in Hindi than social studies?

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

10. Find the total marks obtained by the student in the examination?
    a) 215 b) 255 c) 220 d) 235

Section C

11. Convert the following into decimals. i) $\frac{14}{5}$ ii) $\frac{2}{5}$

12. i) A point which is equidistant from all points on the circumference is called the _____ of the circle.
    ii) The perimeter of the circle is called its _____.

13. The age in years of 20 students in class VI of a school are given bellow.
    11, 12, 11, 10, 12, 11, 12, 13, 11, 12, 11, 12, 10, 12, 11, 12, 13, 11, 12, 11
    Prepare a frequency distribution table.

14. Define the term circumference of a circle.

15. Write two negative integers greater than (-25)

Section D

16. Using the number line, evaluate $(-4) - 2$ (use scale and pencil to draw the number line)

17. i) Add: $0.003 + 2.01 + 30.999$
    ii) Subtract 43.6 from 85.73

18. The measure of the base angles of isosceles triangle is 42°. Find the third angle.

19. The sale of tennis balls on different days of a week is as follows:

    Observe the pictograph and answer the following.
    i) How many balls were sold on Wednesday?
    ii) On which day was the maximum number of balls sold?
    iii) What was the total number of balls sold in that week?

20. The sum of two integers is -25. If one of them is -7, find the other number.

21. Express 4kg 68gm in kilogram(Kg) using decimals.

Section E

22. Sunita's mother gave her Rs.108 and 60 paise and her father gave her Rs. 84 and 50 paise. What was the total amount that she got?

23. Subtract the sum of (-15) and (-51) from (-200).

24. Rohan went to the market and bought 15kg 500g of rice, 5kg of potato and 3kg 600g of fish. How many kilograms of food items did Rohan buy?