

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Annual Examination (2023-2024)

Class: V**Subject: Mathematics**

Name: _____

MM: 80**Time: 2 Hrs.**

Roll No.: _____

(Fifteen Minutes Extra will be given for reading the Question Paper)

General Instructions:

- *All questions are compulsory.*
- *The question paper consists of 44 questions divided into 4 sections A, B, C and D.*
- *Section A comprises of 24 questions of 1 mark each.*
- *Section B comprises of 8 questions of 2 marks each.*
- *Section C comprises of 8 questions of 3 marks each.*
- *Section D comprises of 4 questions of 4 marks each.*

Section A

Question numbers 1 to 24 are of 1 mark each.

Choose the correct option:

- Q1.** When no sides are equal, it is a _____ triangle.
a) equilateral b) isosceles c) scalene d) acute
- Q2.** Fill in: 75 out of 100 = _____%.
a) 75 b) 35 c) 100 d) 55
- Q3.** An angle that measures 180° is called a _____ angle.
a) complete b) right c) acute d) straight
- Q4.** Per cent means out of _____.
a) 100 b) 50 c) 0 d) 1
- Q5.** The perimeter of a square whose side is 5 cm is _____.
a) 60 b) 24 c) 20 d) 36
- Q6.** 1 km = _____ m.
a) 100 b) 1000 c) 50 d) 10
- Q7.** How many grams make one kilogram?
a) 10 b) 100 c) 1000 d) 0
- Q8.** A _____ shows an exact location.
a) point b) line c) line segment d) ray

(1)

Q9. What is the 3-D shape of a square?

- a) Cuboid b) Cube c) Cone d) None of these

Q10. How many lines of symmetry are there in a rectangle?

- a) 2 b) 3 c) 4 d) 5

Answer these questions:

Q11. Area of square = _____ × _____.

Q12. Express 0.6 as a percentage.

Q13. Convert to 24-hour clock time: 1:00 p.m.

Q14. The price at which an article is sold is its _____.

Q15. Write the algebraic expression for : p added to 12.

Q16. A _____ is an instrument used to measure temperature.

Q17. An unknown value represented by an English letter is called a _____.

Q18. Find the profit / loss when C.P. = Rs. 140 and S.P. = Rs. 240.

Q19. Convert into seconds: 4 minutes 10 seconds.

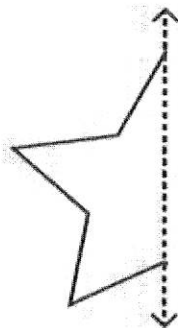
Q20. If $SP > CP$, there is a _____.

Q21. Convert: 3500 cm into m.

Q22. Identify the operation in the given expression : $15a$

Q23. A 3-sided polygon is called a _____.

Q24. Complete the symmetrical shape:



Section B

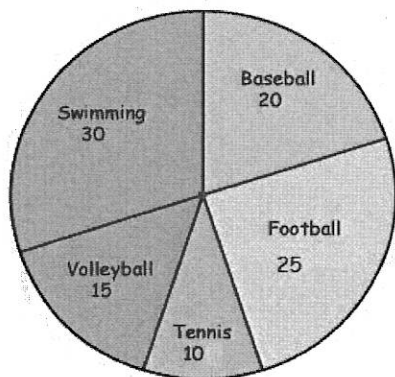
Question numbers 25 to 32 is of 2 marks each.

- Q25. Find the value : 50% of 450.
- Q26. Find the diameter of the circle if radius = 2.7 cm.
- Q27. Find the volume of air in a room 14 m long, 7 m wide and 10 m high.
- Q28. Subtract: 73 L 350 mL from 174 L 250 mL.
- Q29. Find the selling price (SP) when CP = ₹ 640 and Profit = ₹ 260.
- Q30. Find the sum : 4 hours 50 minutes and 2 hours 20 minutes.
- Q31. Draw the quarter turn and half turn of the letter **W**.
- Q32. Divya travelled 25 km by bus and z km by train. Express the total distance travelled by Divya as an algebraic expression.

Section C

Question numbers 33 to 40 are of 3 marks each.

- Q33. Find the breadth of a rectangular path whose area is 100 sq. m and length is 25m.
- Q34. Draw a line segment AB equal to 6 cm. At A, draw $\angle CAB = 60^\circ$.
- Q35. Sonia spends 1 hour 30 minutes in the gym in the morning and 1 hour 40 minutes in the evening. How much time does she spend in the gym every day?
- Q36. Simplify : $m + mn + m + 2mn - m$.
- Q37. Kamna bought a bed for ₹ 8500 and sold it for ₹ 9400. What was her profit?
- Q38. Complete the pattern : 100, 94, 88, 82, _____, _____, _____.
- Q39. Find the value of $3ab - 4a$ when $a = 5$ and $b = 2$.
- Q40. This circle graph shows the favorite sports of 100 students of class 5. Use the information to answer the following questions:



- a) Which is the most favorite sport?
- b) What fraction of students like baseball?
- c) How many students like tennis?

Section D

Question numbers 41 to 44 are of 4 marks each.

- Q41.** Seema walks 2 km 350 m every day. How much distance does she cover in 5 days?
- Q42.** Find the cost of tiling a hall 25 m long and 20 m broad at the rate of ₹5 per sq. m?
- Q43.** Amit went for cricket practice at 7:30 a.m. He practiced for 2 hours 30 minutes. At what time did the practice end?
- Q44.** The number of students who used different modes of transport to reach the school on a particular day of a week is given below.

| Mode of transport | Bus | Auto | Car | Cycle | Motorbike |
|-------------------|-----|------|-----|-------|-----------|
| No. of students | 300 | 250 | 100 | 200 | 150 |

Draw the bar graph representing the above data. Let the scale be 1 unit = 50 students.
