



State Council of Educational Research and Training, Maharashtra, Pune-30.

Under 'STARS' Project

Summative Evaluation 2 : 2024-25

Standard - Six : Subject - Mathematics

Name of the Student : _____ Roll No. :

Name of the School : _____ Div. : _____

Cluster : _____ Block : _____ District : _____ Date : ____ / ____ / 2025

Question-wise and Learning Outcome-wise distribution of Marks

LOs No.	Practical and Oral 06.71.20	Practical and Oral 06.71.25	05.71.01	06.71.30	06.71.06	06.71.31	06.71.19	06.71.27	06.71.28	06.71.22	Total Marks	Signature of the Teacher
Question No.	1	2	3	4	5	6	7	8	9	10	Q. 1 to 10	
Marks Obtained												
Total Marks	5	5	8	6	4	6	6	3	4	3	50	

Instructions for Teacher : The teachers should keep the required material ready for the practical and oral examination before the test begins and keep records after taking responses from each student. Oral test questions are sample questions. Teacher can ask any such questions based on the same Lo's.

Practical and Oral questions Total Marks

10

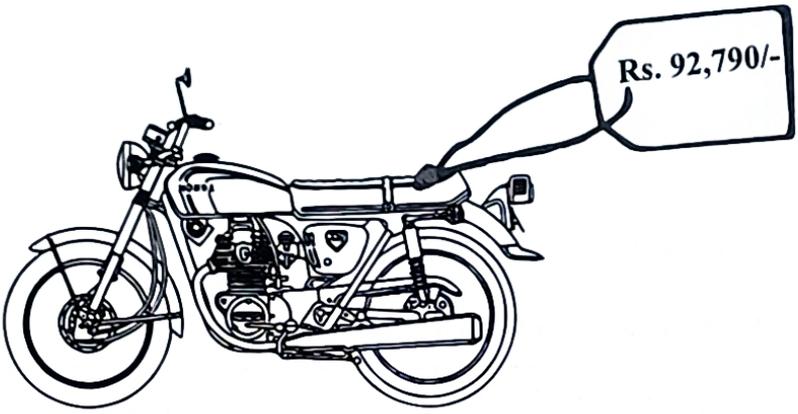
Practical and Oral questions and instructions for teachers accordingly		Practical and Oral questions and instructions for teachers accordingly	
Prac. Q. 1 A)	Ask the students to draw a triangle and also ask to measure all its sides and angles. Write the measures of the figure drawn. From the measures write the type of triangle based on sides and based on angles. (3 Marks) 1) To draw a triangle. 2) To write the type of triangle based on sides. 3) To write the type of triangle based on angles.	Prac. Q. 2 A)	Ask the students to draw a segment of any length and draw its perpendicular bisector using compass. (3 Marks)
Oral Q. 1 B)	Ask students to tell the types of triangle based on sides and angles. (2 Marks)	Oral Q. 2 B)	Ask any two oral questions to each student- eg. What is the difference between bisector and perpendicular bisector. (2 Marks)

Written test

Instructions : • Solve all the questions as per given instructions.
• Write the correct alternative in the given box for multiple choice questions.

Q. 3) Solve the following. **(Total 8 Marks)**

A) Write the price of motorcycle in words. **(1 Mark)**



Rs.

B) Compare the numbers by using < or > signs mark. **(1 Mark)**

78596 78956

C) Add. **(1 Mark)**

$7896 + 597$

D) Subtract. **(1 Mark)**

$6324 - 987$

E) Multiply.

(2 Mark)

$$\begin{array}{r} 678 \\ \times 426 \\ \hline \end{array}$$

F) Divide.

(2 Mark)

$$1536 \div 32$$

Q. 4) By using given mathematical operations, write any two equations.

(Total 6 Marks)

A)

$$7 \times 5, 5 + 4, 4 \times 5, 6 \times 2 \\ 18 \div 2, 20 - 8, 25 - 5, 50 \div 2$$

(4 Mark)

1)

$$\boxed{} = \boxed{}$$

2)

$$\boxed{} = \boxed{}$$

B) Solve the given equation.

(2 Mark)

$$6x = 18$$

Q. 5) Solve the following.

(Total 4 Marks)

A) The age of Rohit is 16 years and his father's age is 48 years. The age of mother is 8 years less than his father's age. Then write the following ratios.

(1) Ratio of Rohit's mother's age with his father's age =

(2) Ratio of Rohit's age with his mother's age =

Q. 6) Solve the following.

(Total 6 Marks)

A) Convert the given fraction into percentage.

(1 Mark)

$$\frac{3}{4}$$

B) Convert the given percentage into fraction reduced to its lowest term.

(1 Mark)

70%

C) Aditya got 280 birthday wishes out of 400 members of mobile group. Find the percentage of members who sent birthday wishes to Aditya. (2 Mark)

D) Shardul covered a distance of 320 km. out of which 5% of the distance covered by autorikshaw and remaining distance by bus. Find the distance covered by bus. (2 Mark)

Q. 7) Solve the following.

(Total 6 Marks)

A) Write the option number of the correct formula in the box given. (2 Mark)

1) $\text{Cost price} - \text{Selling price} = \text{Profit}$

2) $\text{Selling price} - \text{Cost price} = \text{Loss}$

3) $\text{Profit} - \text{Cost price} = \text{Selling price}$

4) $\text{Selling price} + \text{Loss} = \text{Cost price}$

- B) A shopkeeper purchased 8 smart TV seat each for Rs. 12,000 and sold all for Rs. 99,840. Did he make a profit or incur a loss? What was its percentage? (4 Mark)

Q. 8) Solve the following.

(Total 3 Marks)

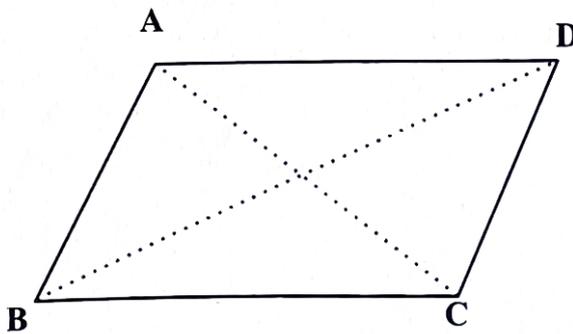
- A) For which of the following account the bank dose not pay any interest? Tick (✓) the correct option. (1 Mark)

- 1) Saving account
- 2) Fixed deposit
- 3) Current account
- 4) Recurring deposit

B) At the rate of 10 p.c.p.a. What would be the simple interest for one year on Rs. 5000? (2 Mark)

Q. 9) Observe \square ABCD and write the answers in the given boxes.

(Total 4 Marks)



1) Name of the opposite side of side AD.

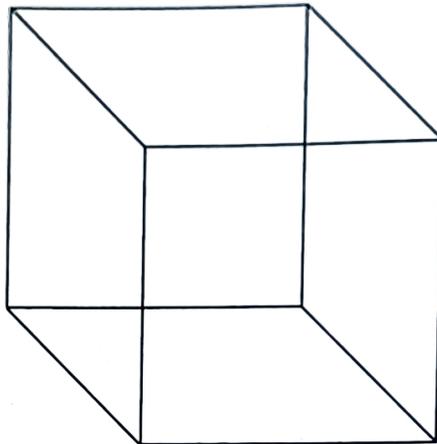
2) Name one of the diagonals.

3) Name of adjacent side of side AD.

4) Write another name of the quadrilateral.

Q. 10) Write the number of faces, edges and vertices of the given cube.

(Total 3 Marks)



- 1) Faces →
- 2) Edges →
- 3) Vertices →

