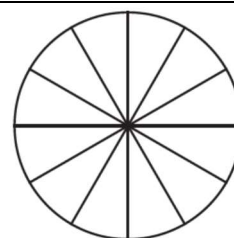
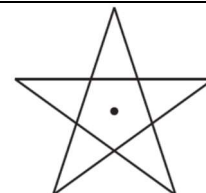
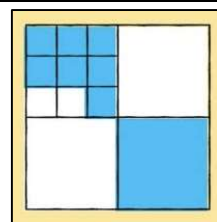


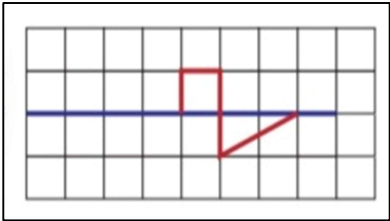
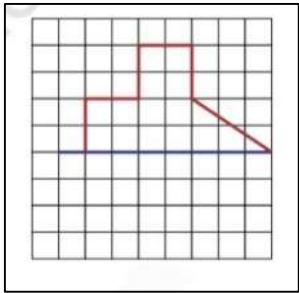
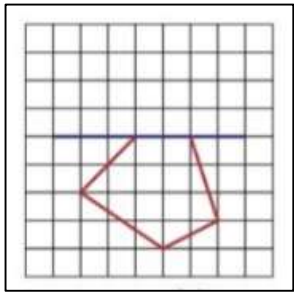
SAMPLE PAPER
SESSION ENDING EXAMINATION (2025-26)

CLASS - 6	SUBJECT MATHEMATICS	TIME 2 Hrs 30 Min	MAXIMUM MARKS 60
General instructions: 1. All questions are compulsory. 2. The question paper consists of 5 Sections A, B, C, D and E. Section A consists of 15 Multiple Choice Questions carrying 1 mark each, including 2 assertion and reason based questions. Section B consists of 6 Very Short Answer type questions carrying 2 marks each. Section C consists of 5 Short Answer type questions carrying 3 marks each. Section D consists of 2 Long Answer type questions carrying 5 marks each. Section E consists of 2 Case Study Based questions carrying 4 marks each. 3. Internal choices are provided in some questions.			

S.NO.	SECTION A – MCQs (15 × 1 = 15)	MARK
1	Find the distance travelled by Subham if he takes 4 rounds of a square park of side 55 m. (a) 130 m (b) 260 m (c) 880 m (d) 780m	1
2	Find the correct fractional unit for the shaded part. (a) $\frac{8}{12}$ (b) $\frac{12}{8}$ (c) $\frac{16}{36}$ (d) $\frac{36}{16}$	1
3	Which instrument is used to draw a circle? (a) Ruler (b) Divider (c) Compass (d) Protractor	1
4	How many lines of symmetry does an equilateral triangle has? (a) 1 (b) 2 (c) 3 (d) 0	1
5	The total number of integers between -4 and 5 (a) 7 (b) 8 (c) 10 (d) infinite	1
6	Find the length of the third side of a triangle having a perimeter of 55 cm and having two sides of length 23 cm and 17 cm, respectively. (a) 12 cm (b) 13 cm (c) 14 cm (d) 15 cm	1
7	Six friends ordered 5 glasses of sugarcane juice and shared it equally among themselves. What fraction of sugarcane juice did each friend get? (a) $\frac{6}{5}$ (b) $\frac{12}{5}$ (c) $\frac{5}{6}$ (d) $\frac{3}{5}$	1
8	The order of rotational symmetry for the following figure is – (a) 10 (b) 6 (c) 5 (d) 8	1
9	Find the least angle of rotational symmetry for the following figure. (a) 20° (b) 30° (c) 40° (d) 60°	1



10	The additive inverse of -4 is: (a) -8 (b) 1 (c) 0 (d) 4	1
11	The distance between the fixed point and any point of a circle is called (a) Radius (b) Centre (c) Diameter (d) Circumference	1
12	Which of the following is used to measure angles? (a) Compass (b) Ruler (c) Divider (d) Protractor	1
13	Which of the following has no line of symmetry? (a) Regular Pentagon (b) Rectangle (c) Parallelogram (d) Rhombus	1
	Questions number 14 and 15 are Assertion and Reason based questions. Two statements are given, one labelled as Assertion (A) and the other is labelled as Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below. (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A). (b) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A). (c) Assertion (A) is true, but Reason (R) is false. (d) Assertion (A) is false, but Reason (R) is true.	
14	Assertion (A): Number zero is greater than every negative integer. Reason (R): Zero is both a positive and a negative integer.	1
15	Assertion (A): Area of a rectangle of length 13 cm and breadth 8 cm is 104 cm^2. Reason (R): Area of a closed figure is the amount of region enclosed by it.	1
	SECTION B – VERY SHORT ANSWER QUESTIONS ($6 \times 2 = 12$)	
16	A piece of string is 60 cm long. What will be the length of each side, if it is used to form: (i) A square. (ii) A triangle with all sides of equal length.	2
17	Write the following fractions as mixed fractions. (i) $\frac{37}{13}$ (ii) $\frac{43}{17}$ OR Find $\frac{2}{3}$ of 36.	2
18	Construct a square of side 6 cm.	2
19	Write letters of English alphabets such that they have both rotational and line symmetry.	2
20	Draw a quadrilateral with rotational symmetry but no reflection symmetry.	2
21	Simplify: $-8 + 12 - 5$.	2
	SECTION C – SHORT ANSWER QUESTIONS ($5 \times 3 = 15$)	
22	Two groups of children bought some Chikkis from a shop. Group A bought 7 Chikkis and divided equally among 10 children. Group B bought 5 Chikkis and divided equally among 8 children. Find in which of the two groups will each child get a larger share?	3

23	Ananya goes to City Mall for shopping. From the parking area which is 3 floors below the ground level, she takes the lift and goes up 8 floors to buy clothes. After that, she goes down 3 floors to a book store and then goes up 4 floors to the food court. (i) Which floor is the clothing store on? (ii) How many floors are there above the ground level? (iii) Which store is at the highest floor? OR Complete these expressions: (i) $(-50) + \underline{\hspace{2cm}} = +200$ (ii) $(-90) - (+40) = \underline{\hspace{2cm}}$ (iii) $(-200) - (-40) = \underline{\hspace{2cm}}$	3
24	The floor of a room is 7 m long and 5 m wide. A square carpet whose sides are 4 m in length is laid on the floor. Find the area that is not carpeted.	3
25	Siya bought $\frac{2}{7}$ meter of lace and Riya bought $\frac{3}{8}$ meter of the same lace to put a complete border on a table cloth whose perimeter is 1 meter long. Find the total length of the lace they both have bought. Will the lace be sufficient to cover the whole border?	3
26	Complete the following figures so that they have a line of symmetry.  (i)  (ii)  (iii)	3
	SECTION – D ($2 \times 5 = 10$) (LONG ANSWER QUESTIONS)	
27	Subhash's rectangular garden measures 20 meters in length and 12 meters in breadth. He plans to fence the entire garden with wire costing ₹15 per meter and cover the garden with grass seeds at ₹5 per square meter. Find the total cost for fencing the garden and the total cost to cover the garden with grass seeds.	5



If Subhash decides to build a 3-meter wide square flower bed inside one corner of the garden, using the fencing wire for its boundary as well, what additional length of wire is needed for the flower bed? (Assume the flower bed shares two sides with the garden fence.)

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| 28 | Construct a rectangle in which one of the diagonals divides the opposite angles into 65° and 25° . Write the steps of construction also. | 5 |
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SECTION E – ($2 \times 4 = 8$)
(CASE STUDY BASED QUESTIONS)

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| 29 | <p>Pratibha is appearing for a Level-1 Quiz Examination. The exam has three rounds. +5 marks are given for every correct answer, –2 marks are given for every incorrect answer and 0 for not attempting the question. In Round 1, she attempts 8 correct and 2 incorrect answers. In Round 2, she attempts 5 correct and 3 incorrect answers and in Round 3, she attempts 6 correct and 4 incorrect answers. The qualifying score for Level-2 is 70 marks.</p> <p>(i) How many marks did Pratibha get in Round -1?</p> <p>(ii) What is her score in Round-2?</p> <p>(iii) Find her total score after three rounds.</p> <p style="text-align: center;">OR</p> <p>(iii) State whether Pratibha qualified for Level-2 or not.</p> | <p>1</p> <p>1</p> <p>2</p> |
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| 30 | <p>Aarav had 9 sandwiches. He divided each sandwich into four equal parts and shared with his friends. He gave 4 of pieces to Rahul, 6 pieces to Pooja and 12 pieces to Mohit. He himself ate $\frac{2}{9}$ of the sandwiches.</p> <p>(i) What fraction of the sandwich did Aarav distribute?</p> <p>(ii) How many sandwiches did he eat?</p> <p>(iii) What fraction of the sandwich is remaining?</p> <p style="text-align: center;">OR</p> <p>(iii) Find the fraction for Rahul's and Mohit's share?</p> | <p>1</p> <p>1</p> <p>2</p> |
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