



INDIAN SCHOOL SALALAH
SECOND TERM EXAMINATION – FEB-MARCH 2026



Roll No.

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Class: VI

MATHEMATICS (041)

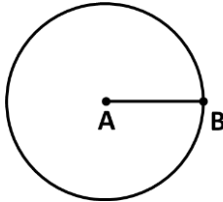
Date: 09/03/2026

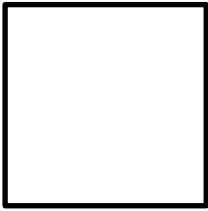
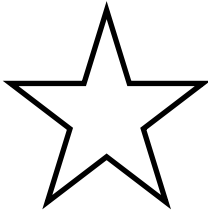
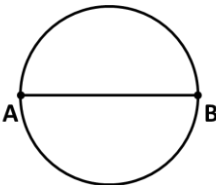
Time: 3 hours

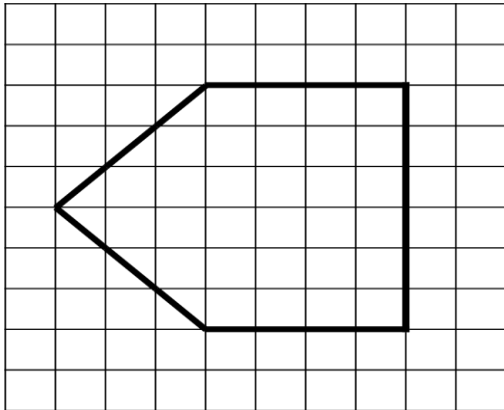
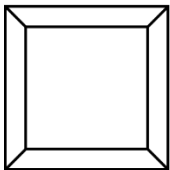
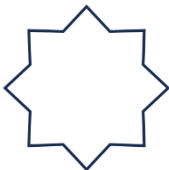
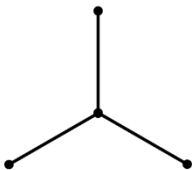
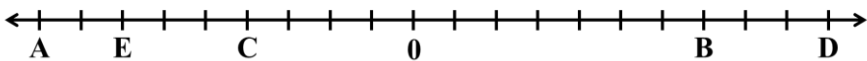
Maximum Marks: 80

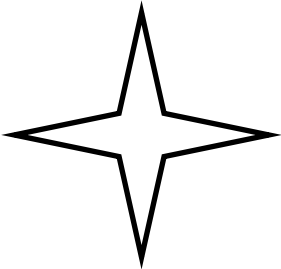
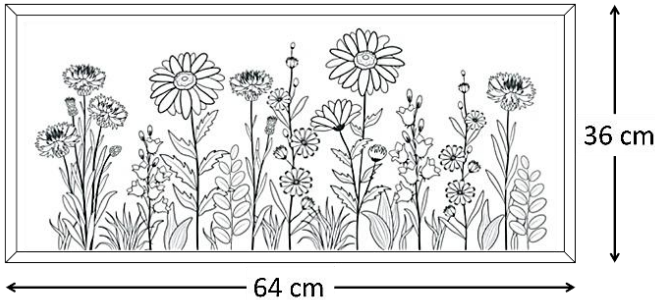
General Instructions:

- a) All questions are compulsory.
- b) This question paper consists of 30 questions divided into 4 sections.
- c) Section A contains 6 questions(MCQs) of 1 mark each.
- d) Section B contains 6 questions of 2 marks each. Section C contains 10 questions of 3 marks each.
- e) Section D contains 8 questions of 4 marks each.

NO	SECTION A	MARKS
1	The additive inverse of (-127) is _____. (a) 127 (b) 0 (c) -127 (d) 1	1
2	A circle has lines of symmetry. (a) eight (b) uncountable (c) two (d) four	1
3	What is AB in the given figure?  (a) diameter (b) center (c) radius (d) chord	1
4	An equilateral triangle has lines of symmetry. (a) 2 (b) 1 (c) 0 (d) 3	1
5	Reduce $\frac{110}{440}$ to its lowest term. (a) $\frac{1}{6}$ (b) $\frac{1}{4}$ (c) $\frac{1}{5}$ (d) $\frac{1}{3}$	1
6	The smallest positive integer is _____. (a) 1 (b) 0 (c) 2 (d) 3	1
	SECTION B	
7	Find $(3) + (-2)$ using number line.	2

8	How many lines of symmetry do these shapes have?  (a)  (b)	2
9	Represent $\frac{2}{9}$ and $\frac{7}{9}$ on the number line.	2
10	Complete the expressions: a) _____ + (-10) = (-4) b) 56 + _____ = 56	2
11	Take a central line of 12 cm length and draw the wave on it. (Take the diameter of the wave = 6cm)	2
12	a) The area of a rectangle of length 4 cm and breadth 2 cm is _____. b) The perimeter of a triangle with sides 2 cm, 4 cm and 3 cm is _____.	2
SECTION C		
13	Arrange in descending order: $\frac{3}{5}$, $\frac{1}{2}$, $\frac{5}{6}$	3
14	a) The sum of an integer and its additive inverse is always _____. b) Write True or false: All negative integers are smaller than zero. c) On the number line, (-6) is to the _____ of Zero.	3
15	A piece of wire is 48 cm long. What will be the length of each side if it is used to form: a) A square b) A regular hexagon	3
16	a) Reduce the fraction $\frac{80}{320}$ to its lowest term. b) Write $\frac{70}{13}$ as mixed fraction.	3
17	a) Fill in the blank: AB is called b) Draw a circle with radius 4 cm. (Use compass to draw) 	3

18	a) Write any two negative integers which are greater than (-10). b) Solve and fill in the blank using $<$, $>$ or $=$ to make the statement correct. $43 + (-10)$ _____ $(-3) - (30)$	3
19	Find the areas of the following shape by splitting it into rectangle and triangle. 	3
20	State whether the figures show rotational symmetry. If yes, then what is the order of rotational symmetry?  (a)  (b)  (c)	3
21	a) Solve: $(-25) + (-8) + (+57)$ b) Write all the integers between -4 and 1.	3
22	a) Check whether the fractions are equivalent or not. $\frac{5}{14}$ and $\frac{10}{28}$ b) Express the mixed fraction $5\frac{3}{9}$ as improper fraction.	3
	SECTION D	
23	Observe the number line given below and answer the following questions.  a) Write the integer which is neither positive nor negative. b) Write the integer for point C and D. c) If B is $(+7)$, then which point is (-7)? d) Which point marked on this number line has the least value?	4

24	Four square flower beds of side 1 m are dug on a piece of land 4 m long and 3 m wide. What is the area of the remaining part of the land?	4
25	Draw a Square with side of length 6 cm. After drawing, check if it satisfies both the square properties. (Use compass and protractor)	4
26	Find using Brahmagupta's method of addition and subtraction. a) $\frac{3}{4} + \frac{1}{3} + \frac{5}{6}$ b) $\frac{3}{9} - \frac{2}{7}$	4
27	Construct a rectangle one of whose sides is 5 cm and the diagonal is of length 8 cm. (Use compass and protractor).	4
28	a) Figure out the number of whole units in the following fraction $\frac{67}{9}$. b) Salman painted $\frac{6}{11}$ of the wall space in his room. His brother Sohail helped and painted $\frac{2}{7}$ of the wall space. How much did they paint together?	4
29	a) How many angles of rotation does the figure have and what are they?  b) Write True or False: i) If the smallest angle of symmetry of a figure is a natural number in degrees, then it is a factor of 360. ii) Every figure will have 360 degrees as an angle of symmetry.	4
30	a) Closed figures that have all sides and all angles equal are called _____. b) The amount of region enclosed by a plane closed figure is called its _____. c) What is the length of the wooden strip required to frame a photograph of length and breadth 64 cm and 36 cm? 	4