

INDIAN SCHOOL MUSCAT FIRST PERIODIC TEST

ENGINEERING GRAPHICS

CLASS: XI

18.05.2023

Sub. Code: 046

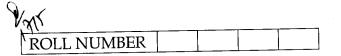
Time Allotted: 50mts.

Max .Marks: 20

GENERAL INSTRUCTIONS:

- 1. All Questions are compulsory.
- 2. Use both the sides of the question paper .
- 3. Neatness and accuracy will be duly awarded.

1.	Construct an isosceles triangle ABC having its perimeter EF = 80 mm and its altitude AD	4
	= 27 mm	_
2.	Construct a rectangle of diagonal 75 mm and one of the sides 30 mm.	3
3.	Draw a square and pentagon, upon a common base side of 30 mm	4
4.	Inscribe a circle in a trapezion of sides 50 mm and 30 mm, longer diagonal = 60 mm.	3
5.	Inscribe 5 equal circles in a regular pentagon of side 40 mm circles to touch one side of	6
	the pentagon and other two circles	





INDIAN SCHOOL MUSCAT FIRST PERIODIC TEST

ENGINEERING GRAPHICS

CLASS: XI

18.05.2023

Sub. Code: 046

Time Allotted: 50mts.

Max .Marks: 20

GENERAL INSTRUCTIONS:

- 1. All Questions are compulsory.
- 2. Use both the sides of the question paper.
- 3. Neatness and accuracy will be duly awarded.

1.	Construct a rectangle given the diagonal = 80 mm and angle between the diagonals =	3
2.	60° Construct an isosceles triangle ABC having its perimeter EF = 80 mm and its altitude AD	4
3. 4.	= 27 mm Draw a square and pentagon, upon a common base side of 30 mm Inscribe a circle in an equilateral triangle of side 40 mm.	4 3 6
5.	Inscribe 5 equal circles in a regular pentagon of side 40 mm, each circle to touch two sides of the pentagon and other two circles.	0

