



INDIAN SCHOOL MUSCAT

FIRST PERIODIC TEST

SUBJECT-ENGINEERING GRAPHICS

CLASS: XII

Sub.Code: 046

TimeAllotted:50mts.

09.04.2019

Max .Marks: 20

GENERAL INSTRUCTIONS:

- (i) All dimensions are in millimeters.
- (ii) Missing and mismatching dimensions, if any, may be suitably assumed.
- (iii) Follow the SP: 46, 2003 revised codes. (with First angle method of projection)
- (iv) In no view of question 2, are hidden edges or lines required.

1.	Construct an isometric scale.	04
2.	Draw the isometric projection to isometric scale of a cone of diameter 40 mm and height 60 mm resting centrally and vertically on the pentagonal face of a pentagonal prism of side 46 mm and height 30 mm. One of the base sides of the pentagon is parallel to VP and away from it. The common axis being perpendicular to HP .Mark all dimensions and indicate the direction of view.	16

END OF QUESTION PAPER