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INDIAN SCHOOL MUSCAT SECOND PERIODIC TEST

ENGINEERING GRAPHICS

CLASS: XI
09 .01.2019

Sub. Code: 046

Time Allotted: 50 mts
Max. Marks: 20

GENERAL INSTRUCTIONS-

- *Attempt all questions.*
- *Follow SP-46-1988 Codes. Use First angle projection method.*
- *Missing and mismatching dimensions should be suitably assumed.*
- *All dimensions are in millimeters.*
- *Use both the sides of the drawing sheet.*
- *Neatness and clarity of constructions will be duly rewarded*

1. A hollow pentagonal prism, outside base edge 40 mm, height 70 mm and thickness 10 mm is 20 resting on its base on the HP. One of its vertical faces is inclined at 45° to the VP. A section plane inclined at 30° to the HP and perpendicular to the VP passes through the axis 25 mm from the top end cuts the hollow prism. Draw the following views a) Front view b) Sectional top view c) True shape of the section d) Sectional side view

End of the Question Paper