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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 square prism, outside base edges 50 mm, height 75 mm and thickness 10 mm is resting on its base on HP such that one of its vertical faces is inclined at 30° to the VP. A section plane inclined at 30° to the HP and perpendicular to the VP passes through the axis 15 mm from its top end cuts the prism. a) Front view b) Sectional top view c) True shape of the section d) Sectional side view. 20

End of the Question Paper