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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 square pyramid base 50 mm side and axis 75 mm long is resting on the HP on one of its 20 triangular faces, the top view of the axis makes an angle  $30^\circ$  with the VP. It is cut by a horizontal section plane the VT of which intersects the axis at a point 6 mm from the base. Draw the front view, sectional top view and true shape of the section.

**End of the Question Paper**