

2022  
ROLL NUMBER

SET

A



INDIAN SCHOOL MUSCAT

FIRST PERIODIC TEST

**ENGINEERING GRAPHICS**

CLASS: XII

Sub. Code: 046

Time Allotted: 50 mts.

24.04.2022

Max. Marks: 20

**GENERAL INSTRUCTIONS:**

1. Follow the SP: 46-2003 codes. (with first angle method)
2. Both the questions are compulsory.
3. Use both side of the drawing sheet, if necessary.

1. Draw an Isometric scale. 5
2. Draw the Isometric projection to isometric scale of a horizontal pentagonal prism of side 20 mm and height 25 mm resting centrally on its rectangular face on a vertical cylinder of diameter 80mm and height 20mm. The axis of the pentagonal prism is parallel to both VP and HP. Mark all dimensions and indicate its direction of view. 15

**END OF THE QUESTION PAPER**

22/5

ROLL NUMBER				
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SET B



INDIAN SCHOOL MUSCAT  
FIRST PERIODIC TEST

**ENGINEERING GRAPHICS**

CLASS: XII

Sub. Code: 046

Time Allotted: 50mts.

24.04.2022

Max. Marks: 20

**GENERAL INSTRUCTIONS:**

1. Follow the SP: 46-2003 codes. (with first angle method)
2. Both the questions are compulsory.
3. Use both side of the drawing sheet, if necessary.

1. Draw an Isometric scale 5
2. Draw the Isometric projection to isometric scale of a horizontal triangular prism of side 20 mm and height 25 mm resting centrally on its rectangular face on a vertical cylinder of diameter 80mm and height 20mm. The axis of the triangular prism is parallel to both VP and HP. Mark all dimensions and indicate its direction of view. 15

**END OF THE QUESTION PAPER**

ROLL NUMBER 

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SET C



## INDIAN SCHOOL MUSCAT FIRST PERIODIC TEST

### ENGINEERING GRAPHICS

CLASS: XII

Sub. Code: 046

Time Allotted: 50 mts.

24.04.2022

Max. Marks: 20

#### **GENERAL INSTRUCTIONS:**

1. Follow the SP: 46-2003 codes. (with first angle method)
2. Both the questions are compulsory.
3. Use both side of the drawing sheet, if necessary.

1. Draw an Isometric scale. 5
2. Draw the Isometric projection to isometric scale of a horizontal hexagonal prism of side 20 mm and height 25 mm resting centrally on its rectangular face on a vertical cylinder of diameter 80mm and height 20mm. The axis of the hexagonal prism is parallel to both VP and HP. Mark all dimensions and indicate its direction of view. 15

**END OF THE QUESTION PAPER**