



# INDIAN SCHOOL MUSCAT SECOND PERIODIC TEST

## SUBJECT: ENGINEERING GRAPHICS

CLASS: XI

Sub. Code: 046

Time Allotted: 50mts.

15.01.2023

Max .Marks: 20

**GENERAL INSTRUCTIONS:**

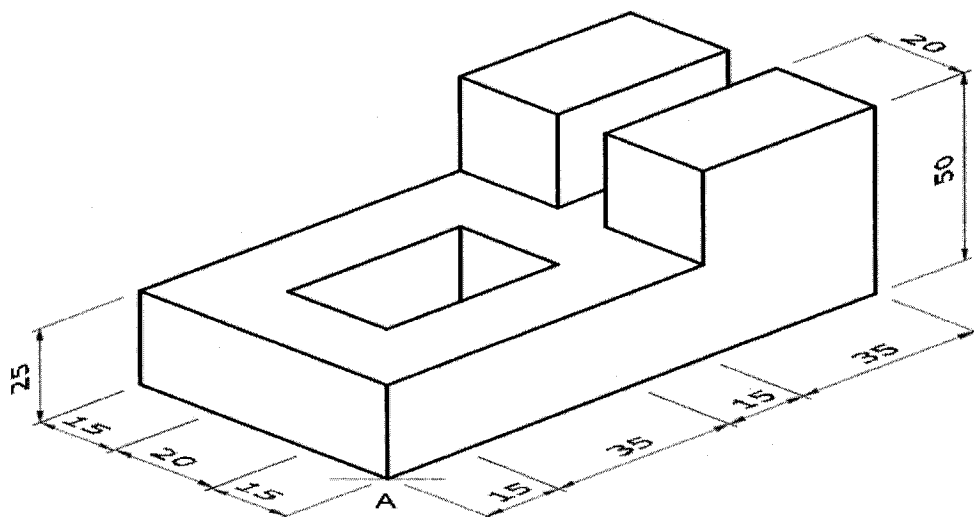
1. Attempt all questions.
2. Follow SP-46-1988 Codes. Use first angle method of projection.
3. Missing and mismatching dimensions should be assumed suitably.
4. All dimensions are in millimeters.
5. Use both sides of the drawing sheet.

1. A cylinder, 50 mm diameter and 70 mm long, has the axis parallel to both the HP and VP. A Section plane, perpendicular to the HP and inclined at  $45^\circ$  to the VP cuts the axis at a distance of 52 mm from its base. Draw the following views a) Top view b) Sectional Front view c) True shape of the section.

12

2. Draw the orthographic views for the following machine blocks. Label the views and dimension it.

8





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