

ROLL NUMBER

SET

A



INDIAN SCHOOL MUSCAT

SECOND PERIODIC TEST

ENGINEERING GRAPHICS

CLASS: XII

Sub. Code: 046

Time Allotted: 50 min

31.05.2022

Max. Marks: 20

GENERAL INSTRUCTIONS:

- Follow the SP: 46-2003 codes. (with first angle method)
 - Both the questions are compulsory.
 - Use both side of the drawing sheet, if necessary.
1. Draw to scale 1:1, the Front elevation and Plan of a square nut of diameter 25mm, keeping its axis vertical and two of the opposite edges of the square face parallel to V.P 5
 2. Draw to scale 1:1, the Front View and left side view of a hexagonal headed bolt of diameter 25mm with hexagonal nut and washer, keeping the axis parallel to V.P and H.P 15

END OF THE QUESTION PAPER



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GENERAL INSTRUCTIONS:

- Follow the SP: 46-2003 codes. (with first angle method)
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1. Draw to scale 1:1, the front view and top view of a hexagonal nut of size M30, keeping the axis perpendicular to H.P. Give standard dimensions. 5
2. Draw to scale 1:1, the Front View and right Side View of an assembly of a square bolt of diameter 25 mm and a square nut, keeping the axis parallel to V.P and H.P. Take length of the bolt as 100 mm. 15

END OF THE QUESTION PAPER



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GENERAL INSTRUCTIONS:

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

1. Draw the front view and top view of a square nut diameter 25mm, kept across corner and axis perpendicular 5
2. Draw to scale 1:1, the Front View and left side view of a hexagonal headed bolt of diameter 25mm with hexagonal nut and washer, keeping the axis parallel to V.P and H.P 15

END OF THE QUESTION PAPER