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**SET C**



**INDIAN SCHOOL MUSCAT  
SECOND PERIODIC TEST  
ENGINEERING GRAPHICS**

**CLASS: XII  
13.09.2018**

**Sub. Code: 046**

**Time Allotted: 50 mts  
Max. Marks: 20**

**General Instructions:**

- I. Attempt all the questions.
  - II. Use both sides of the drawing sheet, if necessary.
  - III. All dimensions are in millimeters.
  - IV. Missing and mismatching dimensions, if any, may be suitably assumed.
  - V. Follow the SP : 46 – 2003 revised codes (with first angle method of projection)
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1. Draw to scale 1:1, the front view and plan of a J bolt taking diameter 30 mm, keeping axis perpendicular to HP . Give standard dimensions. 10
  2. Sketch freehand a double head Gib key in position, for a shaft of 40 mm diameter, keeping the axis of the shaft parallel to V.P and H.P. Give standard dimensions. 05
  3. Sketch freehand the Front view and Top view of Cheese head machine screw of size M20, keeping its axis vertical. Give standard dimensions. 05

**End of the Question Paper**