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ENGINEERING DRAWING LAB VIVA Questions and Answers

300+ TOP ENGINEERING DRAWING LAB VIVA Questions and Answers

ENGINEERING DRAWING LAB VIVA Questions :-

1. Define engineering drawing. Why drawing is called universal language of engineers?

- Engineering drawing is a graphical language of an engineer to convey one's ideas most effectively, easily, conveniently and with high speed.
- So Engineering drawing is a starting point of all engineering branches such as Mechanical, Production, Civil, Electrical, Electronics, Computer science, Chemical etc.
- It is spoken, read, and written in its own way. Engineering drawing has its own grammar in terms of projections, conventional representations, types of lines, abbreviations, symbols and various geometric constructions.

2. Name different drawing instruments.

Drawing board, drawing sheet, mini-drafter, scale, pencil and sand paper block, cello-tape, eraser and compass.

3. What are the standard sizes of drawing sheets according to I.S.I. and which is suitable for drawing work?

The standard size of sheets according to I.S.I. are

A0 (1189 X 841),
A1 (841 X 594),
A2 (594 X 420),
A3 (420 X 297),
A4 (297 X 210) and
A5 (210 X 148).

Drawing sheet of size 594 X 420 i.e. A2 size is generally used by engineering students as it is very handy and easy for drawing work in class.

4. What are the ways of sharpening a pencil for good and accurate work and which type of pencil is more suitable for drawing work?

There are two ways of sharpening a pencil

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