

Indian Institute of Technology Hyderabad

Assignment-1

Course: Engineering Drawing

Marks: 25

Instructions:

- 1. All the drawings should be neat and clear.**
- 2. Copying is strictly not allowed and will lead to negative marks.**
- 3. Ensure that the scanned copy of answer script should be clearly visible before submitting it.**
- 4. File name should be in the format of “ROLL NO_Assign1”**

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| Q.1 | Draw the lines recommended for the following applications: (a) Visible outlines (b) Hidden lines (c) Centre lines (d) Projection lines | 3M |
| Q.2 | Distinguish between dimension line, projection lines and leaders with the help of a neat sketch. | 3M |
| Q.3 | Name different types of drawing instruments. | 3M |
| Q.4 | Differentiate between aligned and unidirectional systems of linear dimensioning. | 3M |
| Q.5 | The dimension figure for diameter of a circle should (a) preceded by the symbol 'f' (b) suffixed by the symbol 'f' (c) preceded by the symbol 'D' (d) suffixed by the symbol 'D' | 1M |
| Q.6 | The dimension figure for radius of a circle should preceded by (a) R (b) CR (c) SR (d) RAD | 1M |
| Q.7 | What information should be contained in the title block of a drawing sheet? | 3M |
| Q.8 | Distinguish among full size, reduced size and enlarged size drawing. | 3M |
| Q.9 | Long-dashed dotted narrow line is used to represent (a) line of symmetry (b) centre lines (c) pitch circle of gears and holes (d) all the above | 1M |
| Q.10 | State some Rules for Dimensioning | 4M |
