

**MODEL PAPER “ENGINEERING DRAWING”  
DRAFTSMAN CIVIL (1-YEAR COURSE)  
SEMESTER-I  
ANNUAL EXAMINATION 2016 & ONWARD**

**OBJECTIVE  
(PART-A)**

Roll No: \_\_\_\_\_

**Time: 20Minutes**

**Marks: 20**

**Note:** This part is compulsory. It should be attempted on question paper and returned to the supervisory staff after the prescribed time. Cutting overwriting and use of led pencil is not allowed. Supervisory staff is required to attach it with the answer book.

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**Q.1 Choose the correct answer and encircles it.**

**10x2=20**

1. Draw horizontal line with use of drawing instrument.
  - a. Set Square
  - b. Scale
  - c. T-Square
  - d. Compass
2. Draw the Object line with pencil grade.
  - a. H
  - b. 2H
  - c. 3H
  - d. 4H
3. Use which type of Lettering for Inclined Lettering.
  - a. Inclined
  - b. Straight
  - c. Italic
  - d. Gothic
4. Draw vertical and angular lines with help of.
  - a. T-square
  - b. set square
  - b. Bow compass
  - d. Protector
5. Acute Angle is called.
  - a. Less than  $90^\circ$
  - b. Greater than  $90^\circ$
  - c. Reflex Angle
  - d. Right Angle
6. The gap between extension line and object line should be.
  - a. 2mm
  - b. 4mm
  - c. 6mm
  - d. 8mm
7. A Circle on an isometric drawing as a
  - a. Ellipse
  - b. Cycloid
  - c. Circle
  - d. Parabola
8. Which is not a principal view.
  - a. Front
  - b. Bottom
  - c. Auxiliary
  - d. Left side
9. Which line type is thick and light
  - a. Visible
  - b. Center line
  - c. Construction line
  - d. All of the above
10. Which type of line is particular to section drawing
  - a. Break line
  - b. Phantom line
  - c. Extension line
  - d. Cutting plane line

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**SUBJECTIVE  
(PART-B)**

**TIME: 2:40 HOURS**

**MARKS: 80**

**SECTION-1**

**Q.1. Write the short answer to any Eighteen (18) from the following questions  
18x3 =54**

1. Write the names of drawing instruments.
2. Write the use of T- square, Set square, Compass, Divider.
3. Write definition of Lettering.
4. Write the types of Lettering.
5. Write the definition of Line.
6. Write the types of Line.
7. Write the definition of Angle with the help of neat sketch.
8. Define the dimensioning and types.
9. Write difference between Isometric and Oblique views with help of neat sketches.
10. Write definition of perspective projection.
11. Write the definition of Orthographic projections.
12. Write only names of Orthographic projection planes.
13. Write difference between Dihedral angles and Trihedral angles.
14. Write the definition of Sectioning.
15. Write the purpose of Sectioning.
16. Define half and full section with help of neat sketches.
17. Write the purpose of conventional symbols in building drawing.
18. Write the Terms while use in building.
19. Write various building materials.
20. Write the main parts of building.
21. Write the names of Public health fixtures.
22. Write the names of Electrical fixtures.
23. Write the difference between Arch and Lintel.
24. Write the types of Arch according to their function.
25. Write the types of Lintel.

**SECTION-II**

**Note: Attempt Any Two (2) Questions**

**13x2=26**

- Q.2.** Explain the Orthographic projections and principle views in 1<sup>st</sup> Angle, 3<sup>rd</sup> Angle.
- Q.3.** Explain the Conical Sections with neat Sketches.
- Q.4.** Explain the free hand drawing and their purpose.
- Q.5.** Explain the types of building according to their use.

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