

**Engineering Drawing (TCA-S101) Branch CSE 1 (A-2)**  
**Semester: 2021 –22 ( Odd Semester)** **Year: First Year( 2K21)**  
**End Semester Examination**

**Time: 2.5 h**

**Maximum Marks: 50**

All questions are compulsory

**Section – A**

**Q1.** Which of the following represent enlarge scale?

- (a) 1:1                                  (b) 1:2  
(c) 2:1                                  (d) 10 : 1

**Q2.** The following is not included in title block of drawing sheet.

- (a) Sheet No                              (b) Scale  
(c) Method of projection      (d) Size of Sheet

**Q3.** Which line type is thick and black?

- (a) Visible lines                        (b) Centre lines  
(c) Construction Lines                (d) all of the above

**Q4.** Which line type is thin and light?

- (a) Visible lines                        (b) centre lines  
(c) Construction lines                (d) all of the above

**Q5.** Which type of line is part of a dimension?

- (a) break lines                        (b) Phantom lines  
(c) extension lines                    (d) cutting plane lines ( 5 x 2)

**Section – B**

**Q1.** Draw the projections of a regular hexagon of 25 mm sides, having one of its side in the H.P. and inclined at 30 degree to the V.P. and its surface making an angle of 45 degree with the H.P.

**Q2.** Rectangle 30 mm and 50 mm sides is resting on H.P. on one small side which is 30 degree inclined to V.P., while the surface of the plane makes 45 degree inclination with H.P. Draw its projections.

**Q3.** An equilateral triangular lamina of 25 mm side lies with one of its edge on HP such that the surface of the lamina is inclined to HP at 60 degree. The edge on which it rests is inclined at 60 degree. Draw the projections.

(8 x 3)

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**Section – C**

Q1 . A square lamina of 40 mm side rests on one of its sides on HP. The lamina makes 30 degree to HP and the side on which it rests makes 45 degree to VP. Draw its projections.

Q2. A straight line AB of length 50 mm makes an angle 30 degree form H.P and 45 degree from V.P. Point A is 10 mm above H.P. and 10 mm infront of V.P. Draw its projections.

(8 x 2)