

No. of Printed Pages : 2

Roll No.

189542

Level 4 / 2nd. Sem. / DVOC

Graphics & Multimedia

Subject :Engineering Graphics

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory $(10 \times 1 = 10)$

- Q.1 A hidden object is shown by _____ lines.
- Q.2 In 7:4 ratio lettering the height is taken as _____ units.
- Q.3 Section lines are drawn at an angle of _____.
- Q.4 When the ratio of drawing and object is less than 1:1 the scale is _____ scale.
- Q.5 Front view of an object is shown in _____ plane.
- Q.6 The plane which is at right angle to two principal planes is _____.
- Q.7 The diameter of a circle is represented by _____.
- Q.8 Front view lies above H.P. in _____ quadrant.
- Q.9 In second quadrant front view and top view _____ each other.
- Q.10 In isometric view horizontal lines are drawn at an angle of _____.

(1)

189542

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. $(6 \times 5 = 30)$

- Q.11 Draw symbols of first angle and third angle projection.
- Q.12 Write in free hand vertical lettering "WORK IS WORSHIP" taking size 10mm.
- Q.13 Explain the difference between isometric projection and isometric view.
- Q.14 Draw symbols representing glass, wood, cast iron and earth.
- Q.15 What is the difference between full section and half section view.
- Q.16 List different types of sections.
- Q.17 Draw the plan elevation of line 40mm long, which is parallel to H.P. 25mm above it and inclined to V.P. at 30 degrees. The left end is 15mm in front of it.
- Q.18 Discuss the type of rivets.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. $(1 \times 10 = 10)$

- Q.19 A right circular cylinder of diameter 40mm and height 60mm is centrally placed vertically on a 50mm square prism of thickness 15mm. Draw isometric projection of the cylinder placed vertically on a prism.
- Q.20 Draw three views of hexagonal headed bolt with hexagonal nut and washer assembly diameter of

(00)

(2)

189542