

PAPER-II
SEMESTER-I

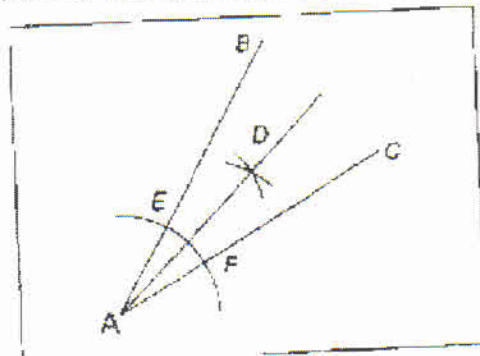
PART-B (ENGINEERING DRAWING) Full Mark-75

Attempt all Question, Each Question Carries Equal Marks

This paper carries negative marking. 25% marks will be deducted for each wrong answer.

Choose the correct answer:

- Q1. Centre line are drawn as
(A) Dashed narrow line (B) Continuous line (C) Long Dashed double dotted narrow line (D) Dashed thick
- Q2. "French curves" are used to draw-
(A) Ellipse (B) Spiral (C) Circular arcs (D) Curves
- Q3. The length to height ratio of a closed filled arrow head is
(A) 3:1 (B) 1:3 (C) 1:2 (D) 2:1
- Q4. Preferred drawing sheet size of "A4" sheet sheet in Trimmed size is-
(A) 420x594 mm (B) 297x420 mm (C) 210x297 mm (D) 240x330 mm
- Q5. The inclination of letter 6 recommended by Bis is-
(A) 55° (B) 65° (C) 15° (D) 75°
- Q6. To draw the filled the instrument used is-
(A) French curves (B) Compass (C) Divider (D) Set square
- Q7. Pictorial views are obtained by
(A) Isometric projection (B) Oblique projection (C) Perspective objection (D) All of these
- Q8. Projection and dimension lines are drawn as-
(A) Thick Lines (B) Hatching Lines (C) Thin line (D) Hidden Lines
- Q9. To "step - off a series of equal distance" on the drawing the following instrument is used-
(A) Compass (B) Set Square (C) Divider (D) Scale
- Q10. The use of "T square" in engineering drawing is to draw-
(A) Parallel and perpendicular lines (B) Horizontal lines (C) Vertical Lines (D) All of these
- Q11. A straight edge and compass were used to create the drawing shown below ARC E F were drwn from the point B and arcs with equal redii were drawn from E & F which statements is "False"



Figure

- (A) angle BAD = angle DAC (B) $2 \times$ angle DAC = angle BAC (C) $\frac{1}{2}$ angle BAD = angle BAD (D) $2 \times$ angle BAC = angle CAD

- Q12. In orthographic projection, the projection are _____ to the plane of Projection-
(A) In clined (B) Parallel (C) Perpendicular (D) None of these
- Q13. Which of the following is the correct statement for dimensioning a view-
(A) All of them should be placed close to the parts being dimensioned
(B) All of them should be placed within a view.

(C) They should be marked from visible outlines rather than from hidden lines.

(D) Dimensions indicated in one view may be repeated in another view.

Q14. Which of the following statement is true about any parallel gram-

(A) All the four sides are congruent (B) All the interior angles are Congruent

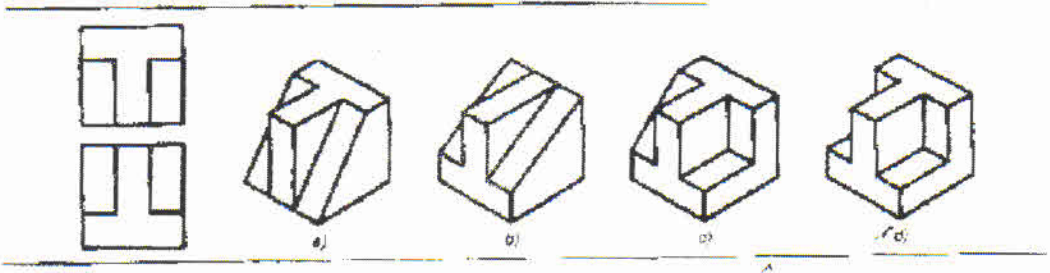
(C) Two

pairs of opposite sides are congruent (D) The diagonals are perpendicular to each other.

Q15. Projection of an object shown by three views is known as

(A) Oblique (B) Ortho graphic (C) Isomeric (D) Perpective

Q16. Select the correct Isomeric view corresponding to the given orthographic view.



Q17. The "Scalen" triangle has all its sides and angles _____ and the altitude is _____ the triangles.

(A) None of sides or angles equal and the altitude is out side or inside the triangle

(B) All the sides and angles are equal and the altitude is out side the triangle.

(C) All the sides and angles are not equal and the altitude is out side the triangle.

(D) (D) All the angles are acute and altitude is in side the triangle.

Q18. The two recommended system of placing the dimension are-

(A) Uni directional & aligned systems (C) Upright & inclined systems

(B) Linear & mclined systems (D) Linier & oblique Systems

Q19. A line A-B is to be Bisected by geometric construction which of the following statements concerning this procedure is correct-

(A) The Compass should be set to spread equal to half of the length of A-B

(B) With A & B as centers radius equal to half of AB mark of the centre point.

(C) With A & B as centers radius greater than half of AB draw arcs interscting of opposite direction.

(D) With the use of scale mark of centre point and draw line passing through this point.

Q20. A line intersects a circle at two points and does not pass through the centre the line segment inside the circle is reffered as-

(A) Quadrant (B) Sequent (C) Chird (D) Radial Line

Q21. The type of Pictorial projection generally used by the architects is-

(A) Oblique (B) Ortho graphic (C) Perspective (D) Isometric

Q22. Lines with a multiple of _____ can be drawn with the combination of set squares and T squares.

(A) 30 degrees (B) 45 degrees (C) 60 degrees (D) 15 degrees

Q23. A drafter helps in drawing-

(A) Parallel and perpendicular lines (B) Concentric circles (C) Trimming mark (D) Smooth curves

Q24. Hatching lines are drawn at an angle of _____ to the b axis or to the main outline of the Sections-

(A) 15° (B) 30° (C) 45° (D) 60°

Q25. When two or more circles drawn having common centre they are called-

(A) Concentric Circles (B) Eccentric circles (C) Quadrant (D) Ellipse
