

Multiple Choice Questions **(MCQ) with Answers on** **Engineering Drawing**

1-The following is not included in title block of drawing sheet.

- a) Sheet No
- b) Scale
- c) Method of Projection
- d) Size of sheet

(Ans: d)

2-Which of the following represent reducing scale?

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

(Ans: b)

3-In first angle projection method, object is assumed to be placed in

- a) First quadrant
- b) Second quadrant
- c) Third Quadrant
- d) Fourth quadrant

(Ans: a)

4-The following line is used for visible outlines

- a) Continuous thick
- b) Continuous thin
- c) Chain thin line
- d) Short zigzag thin

(Ans: a)

5-The following line is used for dimension line

- a) Continuous thick
- b) Continuous thin
- c) Chain thin line
- d) Short zigzag thin

(Ans: b)

6-The dotted lines represents

- a) Hidden edges
- b) Projection line
- c) Centre line
- d) Hatching line

(Ans: a)

7-Hatching lines are drawn at ____ degree to reference line

- a) 30
- b) 45
- c) 60
- d) 90

(Ans: b)

8-In aligned system of dimensioning, the dimensions may be read from

- a) Bottom or right hand edges
- b) Bottom or left hand edges
- c) Only from bottom
- d) Only from left side

(Ans: a)

9-The Length:Width in case of an arrow head is

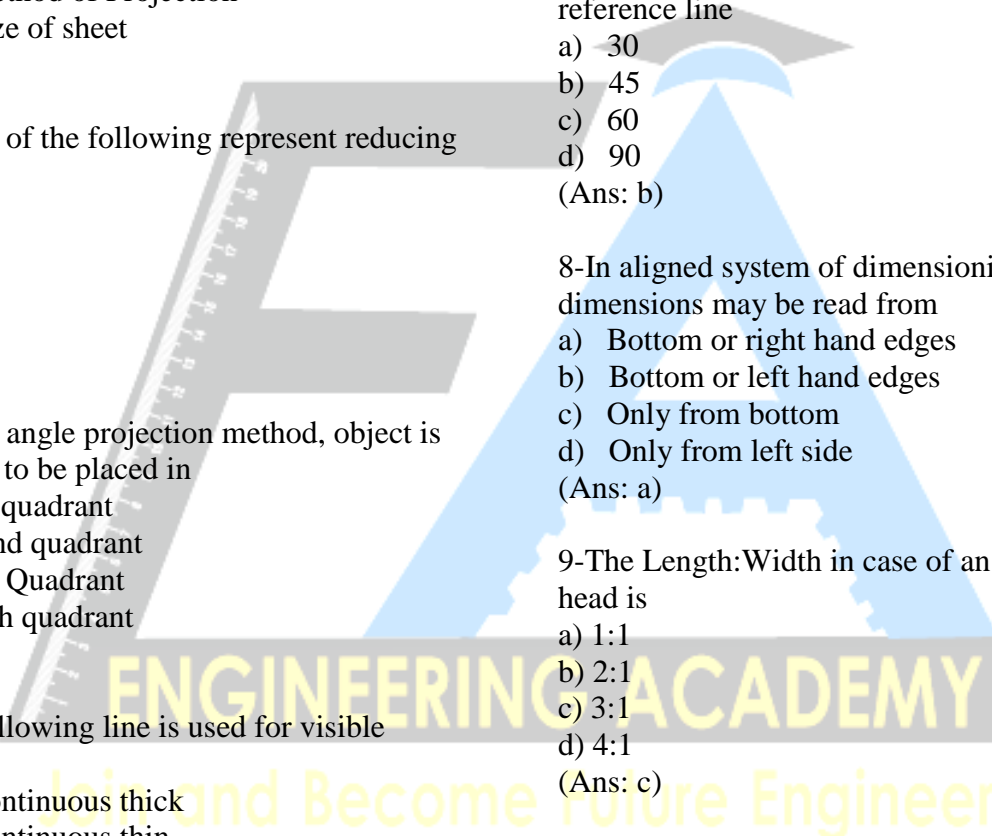
- a) 1:1
- b) 2:1
- c) 3:1
- d) 4:1

(Ans: c)

10-Metric thread of 10mm diameter is represented by

- a) 10M
- b) M10
- c) M¹⁰
- d) None of the above

(Ans: b)



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MOB: 08449597123, 09411340612

Prep: Mr.Rahul Kothiyal

11-The internal angle of regular pentagon is ___ degree.

- a) 72
 - b) 108
 - c) 120
 - d) 150
- (Ans: a)

12-The internal angle of regular hexagon is ___ degree.

- a) 72
 - b) 108
 - c) 120
 - d) 150
- (Ans: c)

13-‘Representative fraction’ (RF) is defined as

- a) Length of an object in the drawing / Actual length of the object
- b) Length of an object in the drawing / Isometric length of the object
- c) Actual length of the object / Length of an object in the drawing
- d) Isometric length of the object / Length of an object in the drawing

(Ans: a)

14-A line of 1 meter is shown by 1cm on a scale. Its Representative fraction (RF) is

- a) 1
- b) 100
- c) 1/100
- d) 1/50

(Ans: c)

15-A point ‘P’ is above Horizontal Plane (HP) and in front of Vertical Plane (VP). The point is in

- a) First quadrant
- b) Second quadrant
- c) Third quadrant

d) Fourth quadrant
(Ans: a)

16-The side view of an object is drawn in

- a) Vertical plane
 - b) Horizontal plane
 - c) Profile plane
 - d) Any of the above
- (Ans: c)

17-When the line is parallel to both Horizontal Plane (HP) and Vertical Plane (VP), we can get its true length in

- a) Front view
 - b) Top view
 - c) Both ‘a’ and ‘b’
 - d) Side view
- (Ans: c)

18-When the line is parallel to VP and perpendicular to HP, we can get its true length in

- a) Front view
 - b) Side view
 - c) Both ‘a’ and ‘b’
 - d) Top view
- (Ans: c)

19-The following method(s) is used to find the true length and true inclination of a line when its front view and top view are given

- a) Rotation method
- b) Trapezoidal method
- c) Auxiliary plane method
- d) All of the above

(Ans: d)

20-The front view of a rectangle, when its plane is parallel to HP and perpendicular to VP, is

- a) Rectangle
- b) Square
- c) Line

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d) Point

(Ans: c)

21-Which of the following position is not possible for a plane?

- a) Perpendicular to both HP and VP
- b) Parallel to both HP and VP
- c) Perpendicular to HP and parallel to VP
- d) Perpendicular to VP and parallel to HP

(Ans: b)

22-The following are the Polyhedron except

- a) Prism
- b) Pyramid
- c) Cube
- d) Cylinder

(Ans: d)

23-The following are the Solids of revolution except

- a) Prism
- b) Sphere
- c) Cone
- d) Cylinder

(Ans: a)

24-If a solid is cut by a cutting plane parallel to the base of the solid and top part is removed, the remaining part is called

- a) Frustum of a solid
- b) Truncated solid
- c) Oblique solid
- d) None of the above

(Ans: a)

25-A right regular hexagonal prism in resting on HP on its base, its top view is a

- a) Square
- b) Rectangle
- c) Hexagon
- d) Pentagon

(Ans: c)

26- Which of the following position is not possible for a right solid?

- a) Axis perpendicular to HP and parallel to VP
- b) Axis parallel to VP and perpendicular to HP
- c) Axis parallel to both VP and HP
- d) Axis perpendicular to both VP and HP

(Ans: d)

27-The top view of a right cylinder resting on HP on its base rim is

- a) Ellipse
- b) Circle
- c) Rectangle
- d) Square

(Ans: b)

28-A tetrahedron has four equal ____ faces

- a) Square
- b) Rectangular
- c) Triangular
- d) None of the above

(Ans: c)

29-The following is formed by revolving rectangle about one of its sides which remains fixed

- a) Cylinder
- b) Sphere
- c) Hemi sphere
- d) Cone

(Ans: a)

30-The sectional plane are represented by

- Continuous thick line
- Continuous thin line
- Chain thin line
- Chain thin line having thick edges

(Ans: d)