ENG 232 QUESTIONS

1. How do you represent a sectioned surface on a drawing?
2. List out the various principles to be followed while dimensioning a drawing.
3. Explain the terms, (*a*) half section, (*b*) Full section
4. How are leader lines terminated?
5. What do you understand by, (a) scale = 5:1 and (b) scale = 1:10?
6. Give the shape identification symbols for the following: (*a*) diameter, (*b*) radius, (*c*) square and (*d*) spherical radius.
7. Centre line, (*b*) cutting plane line and (*c*) long break
8. What are the elements to be considered while obtaining a projection and what is an orthographic projection?
9. When is a projection of an object called an orthographic projection?
10. Explain the following, indicating the symbol to be used in each case: (*a*) First angle projection, (*b*) Third angle projection

Objectives

1. To project the auxiliary view, an imaginary plane known as ……………….
2. Reference Plane
3. Principle plane
4. Normal plane
5. Inclined plane
6. Reference plane is parallel to the direction of view
7. True
8. False
9. Dimension of one side of the inclined surface can be………………projected on the reference plane
10. Indirectly
11. Equally
12. Directly
13. Normally
14. In isometric projection the three edges of an object are inclined to each other at

(a) 60o (b) 120o (c) 100o (d) 90o

5. The angle between the flanks of a metric thread is

1. 60o (b) 90o (c) 75o (d) 55o

6. Which one among the following represents a permanent fastener

a) Nut b) Rivet c) Screw d) Bolt

7. The convexity provided on the rim of the solid web cast iron pulley is called

a) Bending b) Curving c) Crowning d) Riveting

8. Section lines are generally inclined with the base, at an angle of

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

9. The isometric view of a sphere is always

a) a circle b) an ellipse c) a Parabola d) a Semicircle

10. In isometric projection, the four center method is used to construct

a) an ellipse b) a square c) a triangle d) a rectangle

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13. A footstep bearing is a

a) journal bearing b) thrust bearing c) pivot bearing d) pedestal bearing

14. The angle between the flanks of B.S.W. thread is

a) 60o b) 65o c) 55o d)75o

15. Top view is projected on the

a) Vertical Plane b) Corner Plane c) Side Plane d) Horizontal Plane