

VIVA-VOCE QUESTIONS (ETME-159 Engineering Graphics)

2011

DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING

1. What do you mean by orthographic and oblique projection?
2. What are principle plane of projection?
3. What do you mean by four quadrants?
4. What do you mean by first angle and third angle projection systems?
5. Normally projection in 1st angle or 3rd angle projection system. Why not in IInd and IVth angle projection systems.
6. Students should know to draw the projection of a point, when point lies in either of four quadrants.
7. What do you mean by HT & VT of a line and a plane? What is difference in the shape of trace of line and trace of a plane.
8. What are different types of planes?
9. What are auxiliary planes? What is use of these planes?
10. What is difference between line, plane and solid?
11. What is difference between prism and pyramid?
12. What do you mean by right & regular prism, pyramid, cone & cylinder?
13. What is difference between cone & cylinder?
14. What do you mean by generator of a cone?
15. What is difference between frustum of a cone and truncated cone?
16. Why a section of a section of machine part is taken.
17. Students should know to find true length and true inclination of a line when projection of a line when projections of a line are given and vice-versa.
18. What are standards specification of drawing board, drawing sheets, and pencils?
19. What is difference between true inclination of a line and apparent angles?