

10. While setting Quality objective, _____ to be considered CO5 [K₂]
- a) Suppliers need b) Organizational need
- c) Customer need d) Worker need

PART B (10 x 2 = 20 Marks)

11. Name the various safety clauses in design document CO1 [K₁]
12. Mention elements of safety in construction safety. CO1 [K₁]
13. List out the significance of sub contractual obligations. CO2 [K₂]
14. Discuss the role of first line supervisors. CO2 [K₁]
15. Compare direct cost with indirect cost CO3 [K₁]
16. What is occupational hazard? CO3 [K₂]
17. Define quality circle. CO4 [K₁]
18. Mention the objectives of quality policy CO4 [K₁]
19. List out the 3 quality statements CO5 [K₁]
20. Differentiate between QA and QC. CO5 [K₂]

PART C (6 x 5 = 30 Marks)

21. Explain the significance of project coordination in safety management. CO1 [K₂]
22. Discuss the importance of safety incentives. CO2 [K₂]
23. Write short notes on the legal implications involved in construction safety. CO3 [K₂]
24. Describe the benefits of ergonomics in construction industries CO4 [K₂]
25. List out the factors influencing quality in construction projects. CO5 [K₄]
26. Illustrate the dimensions of quality with suitable examples. CO5 [K₄]

Answer any FOUR Questions

PART D (4 x 10 = 40 Marks)

27. Explain the various problem areas in construction safety. CO1 [K₂]
28. Describe role of first line middle level managers in ensuring safety of a construction safety. CO2 [K₂]
29. Illustrate the various causes of accidents with suitable examples. CO3 [K₂]
30. Explain how Taguchi Loss function differs from traditional loss function assumed from specifications and tolerances. CO4 [K₂]
31. Explain the various steps of FMEA in quality management system with an example. CO5 [K₂]
