

CE8391 CONSTRUCTION MATERIALS

Important 13 Mark Questions

Part-B

1. Explain the casus of deterioration of stones.
2. Explain the manufacturing process of bricks.
3. List out the test conducted on stones? explain any four tests.
4. List out the tests conducted on bricks? explain any four.
5. What are the test conducted on cement? explain any four test.
6. What is the function of coarse aggregate in concrete and explain any four test conducted on it?
7. Explain in detail about the manufacturing process of lime.
8. Explain in detail about the manufacturing process of cement and its application.
9. What are the types of cement? explain any four.
10. List out the test conducted on aggregate? explain any three tests.
11. Explain the manufacturing process of lime?
12. Explain the manufacturing process of cement?
13. Explain the placing and curing method in concrete?
14. What are the test conducted on fresh concrete? explain any four.
15. Explain about the self-compacting concrete?
16. List out the tests conducted on hardened concrete? explain any four.
17. Explain the structure and characteristic of wood?
18. Explain in detail about the plywood and bitumen?
19. Discuss the various types of heat treatment in steel.
20. Explain the different types of paint used in building construction?
21. Explain in detail about the manufacturing process of concrete.
22. Explain any four tests for fresh concrete in detail.
23. Explain any four tests for hardened concrete in detail.
24. What is meant by RMC? Explain the manufacturing process?
25. Explain the defects in timber with suitable diagrams?
26. Explain in detail about the plywood and forms of bitumen?
27. Explain the various market forms of steel?
28. Explain in details about the different types of paint works in buildings.

29. Explain in detail about Fibre Reinforced Glass Plastics? What are the properties and uses?
30. What is Glass? Explain the various properties of Glass?
31. Explain in detail about Composite materials and its application?
32. Explain the term sealant and its types with uses?
33. What is geomembrane? write a short note on geomembrane and its application.
34. Explain in detail about Refractories? What are the different types of refractory Bricks?
35. Explain the process of manufacturing of Glass? What are the Uses of glass in construction industry?
36. What are geosynthesis? Write a short note on geosynthesis for civil engineering application.
37. Explain in detail about Reinforced Plastics? What are the properties and uses?
38. What is Glass? Explain the various properties of Glass?
39. Explain in detail about Composite materials and its Uses?
40. Explain in detail about Earth reinforcement using Geomembrane?
41. What is Terra cotta? How it is manufactured?
42. Explain the process of manufacturing of Glass? What are the Uses of glass in construction industry?
43. What is meant by Geosynthesis? How are they classified? What are the advantages & applications?