



2. Attempt any four : 16
- a) Enlist any four characteristics of good timber.
 - b) State the precautions to be taken while marking layout on ground.
 - c) Draw neat sketch and explain the raft foundation.
 - d) Explain in detail about pumping method of dewatering.
 - e) Define the terms lead and lift. Give their values for excavation.
 - f) Enlist the functions of an lintel and sketch a RCC lintel in section.
3. Attempt any four : 16
- a) Distinguish between stone masonry and brick masonry.
 - b) Mention different tools and plants used for stone masonry.
 - c) Sketch and explain a type of pile foundation.
 - d) State the necessity of pointing.
 - e) Mention the different defects in plaster.
 - f) State the different causes of cracks.
4. Attempt any four : 16
- a) State the causes of settlement and mention its remedial measure.
 - b) Explain in detail about necessity of plinth protection.
 - c) Distinguish between plaster board and wall cladding.
 - d) Explain in detail about the method of application of paint.
 - e) Mention the precautions to be taken while plastering.
 - f) Sketch timbering and strutting work for a foundation pit.
5. Attempt any four : 16
- a) Distinguish on four points between English bond and Flemish bond.
 - b) State the requirements of good stair-cases.
 - c) State the different points to be observed in construction of stone masonry.
 - d) Enlist different test of mortar and explain any one in detail.
 - e) Explain composite masonry.
 - f) Mention the requirements of good building stone.
6. Attempt any four : 16
- a) Enlist different types of scaffolding and explain any one in detail.
 - b) Distinguish between marble finishing and POP (Plaster of Paris).
 - c) State the uses of Epoxy resins. How these are used for filling cracks.
 - d) Explain colgrout masonry.
 - e) State the safety precautions to be taken during underpinning.
 - f) Explain in detail about the procedure of pointing.
-

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