

- B** Write necessity of dewatering of foundations and techniques used in it, like well point system. **07**
- Q-5** **Attempt all questions** **(14)**
- A** Explain the various safety measures to avoid the tilting of caissons. **07**
- B** Describe various types of vibrators used for compaction of concrete. **07**
- Q-6** **Attempt all questions** **(14)**
- A** What are the uses of power shovels? Describe with neat sketch basic parts and Operation of power shovel. **07**
- B** Describe the different methods of field compaction of soil. **07**
- Q-7** **Attempt all questions** **(14)**
- A** Write short note on Ready Mix Concrete with a neat sketch of RMC plant. **07**
- B** Describe the timber form work. **07**
- Q-8** **Attempt all questions** **(14)**
- A** Explain the Guniting procedure in detail. **07**
- B** What is group action of piles? Give the requirements for construction of pile foundations. **07**

