

ASSIGNMENT – 5 SPECIAL WORK

- Q.1** What do you understand by under pinning? When do you require it? Explain pit method and pile method, giving sketch of each.
- Q.2** Write note on following
- 1) Needle scaffolding
 - 2) Dead shores
 - 3) Steel scaffolding
- Q.3** What does it mean by shoring? Enlist the types of shores and describe it in brief any one.
- Q.4** What is meant by scaffolding? Discuss the essential requirement of it.
- Q.5** What is need of temporary works?
- Q.6** Describe the procedure of pumping from well points for dewatering. What are its disadvantages?
- Q.7** Describe with sketch, the freezing process for dewatering.
- Q.8** Define a coffer dam. What are the purposes of construction of cofferdam.
- Q.9** Describe the methods for constructing single wall cofferdam.
- Q.10** Write a short note on Cellular cofferdam.
- Q.11** Describe in brief, the various methods of demolition.
- Q.12** Discuss in brief, various types of thermal insulating material.
- Q.13** What is sound insulation? What are various effective measures adopted to achieve sound insulation in a building.