

### **Assignment**

1. Give any four basic principles of water supply pipe systems.
2. Explain the different materials of water supply pipes, with its merits and demerits.
3. Discuss in detail the selection criteria of plumbing fixtures.
4. What is the effective way for supplying hot water for residential buildings?
5. Explain in detail hot water storage tank design guidelines.
6. Explain 'Solar water heating system' and its working principles.
7. What are the different types of Solar water heating system.
8. What are the applications of Solar water heating system?