

ASSIGNMENT – 2 MASONRY CONSTRUCTION

- Q.1** What do you mean by masonry work? Name the different kind of masonry. What is meant by load bearing and non load bearing wall?
- Q.2** Draw the typical sketch, showing the following and define terms.
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|---|--------------|----|-----------------|
| 1 | Reveal | 10 | Through stone |
| 2 | Corbel | 11 | Butress |
| 3 | Cornice | 12 | Threshold |
| 4 | Jambs | 13 | Header |
| 5 | Coping | 14 | Stretcher |
| 6 | Quoin | 15 | Bevelled closer |
| 7 | Closer | 16 | Mitred Closer |
| 8 | King Closer | 17 | Frog |
| 9 | Queen Closer | 18 | Throating |
- Q.3** What are the various types of stone masonry? Describe various types of rubble masonry, give sketches.
- Q.4** Define mortar. Explain cement and lime mortar
- Q.5** Write a note on random rubble built to course stone masonry
- Q.6** What is meant by bonds in brick masonry? What are the rules for bonding? State various types of bond.
- Q.7** Write a short note on English bond.
- Q.8** Differentiate between English bond and Flemish bond
- Q.9** What is composite masonry? Write various types of it? Explain any one in detail
- Q.10** What is meant by cavity wall? Why it is provided?
- Q.11** Discuss in brief, giving various types of arches based on material and workmanship.
- Q.12** Explain the reinforced brick lintel with sketch
- Q.13** Explain in brief the objects of plastering.
- Q.14** Define mortar, describe in brief, the various types of mortar for plastering.
- 1) Lime mortar
 - 2) Cement Mortar
 - 3) Cement-Lime mortar
- Q.15** What is the purpose of pointing? Explain methods of pointing.

Q.16 Describe the various types of pointing, give sketch of each.

Q.17 What are the various characteristic of a good paint?

