

UNIT-II

BUILDING COMPONENTS AND STRUCTURES

PART-A (2 Marks)

1. State the objectives and requirements of good foundation?
2. Differentiate between shallow foundation and deep foundation.
3. Define bearing capacity of soil.
4. How the stone masonry is classified?
5. Define the following terms.
 - i) Corbel
 - ii) Cornice
 - iii) Coping
 - iv) String course
 - v) Through stone
6. Compare stone masonry and Brick masonry
7. Why bonding in brick wall is essential?
8. State the special features of English and Flemish bond.
9. Define beam, column and Lintel.
10. Classify the types of column based on its conditions.
11. State the purpose of plastering.
12. Define Dam, Bridge and classify them
13. What are the basic components of a bridge?
14. What is the purpose of reinforced concrete?
15. Define factor of safety.