

5. What are the advantages and disadvantages of stone masonry over brick masonry?
6. Describe methods of damp prevention along the plinth.

SECTION C

7. a) What are the suitable foundations for (i) isolated RCC column (ii) isolated steel column
b) What are combined footings? Sketch and how an external RCC column can be combined with an internal RCC column through the footings
8. Describe the importance of the following in Cement Concrete work
 - a) Water Cement Ratio
 - b) Compaction of concrete
 - c) Curing of the Concrete
 - d) Strength of concrete
 - e) Bulking of Sand
9. a) Explain the Fire Proof Construction methods adopted in buildings
b) What are the different types of roofs used in buildings? Indicate their suitability.