



6. Which code of practice is used for design & construction of Floors & Roofs using precast concrete / prestressed concrete ribbed or cored slab units. CO3- R
- (a) IS 10297:198 (b) IS 3201:1988 (c) IS 3935:1966 (d) IS 6332:1984
7. Load bearing walls & Beams are placed in both ways longitudinally & Transversely is\_\_\_\_\_ CO4- R
- (a) Long wall system (b) Cross wall system  
(c) Ring system (d) None of the above
8. Requirement of curtain wall is to CO4- R
- (a) Control Exterior Precipitation (b) Control Heat flow  
(c) Control Air flow (d) All of the above
9. Which of the below is the type of folded plate roof? CO5- R
- (a) Prismatic (b) Cylindrical (c) Corrugated shell (d) Ellipsoidal
10. In which of the following connections, Assembly speed is fast and weather independent assembly possible with a good design? CO5- R
- (a) Wet Connection (b) Bolted Connection  
(c) Post Tensioning Connection (d) Welded Connection

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Explain in detail about the concept of Modular coordination and state its significance in prefabricated structures. CO1- U (8)
12. Explain in detail about column to column connection with a clear sketch. CO2- U (8)
13. Explain in detail the manufacture of roof slabs. Also explain the precautions taken during the manufacturing process. CO3- U (8)
14. Explain in detail about Joint Sealants with in Types. Also mention its Applications. CO4- U (8)
15. Describe in detail about the components of single-storey industrial shed with crane gantry systems. CO5- U (8)