

- k) The type of truss commonly used for spans varying from 5 to 9 metre is 01
 (A) queen post truss (B) king post truss
 (C) mansard truss (D) composite truss
- l) The process of filling up all mail holes, cracks etc. with putty is known as 01
 (A) knotting (B) priming (C) stopping (D) finishing
- m) The pointing which is extensively used in brick work and stone masonry face work, 01
 is
 (A) flush pointing (B) struck pointing
 (C) V-grooved pointing (D) tuck pointing
- n) The combination of a king-post truss and queen post truss is known as 01
 (A) couple roof (B) collar beam roof
 (C) mansard roof (D) purlin roof

Attempt any four questions from Q-2 to Q-8

- Q-2 Attempt all questions (14)**
 (a) Briefly describe the causes of failure of foundation and their remedial measures. 05
 (b) What is meant by scaffolding? Discuss the essential requirements of it. 05
 (c) Compare stone masonry and brick masonry. 04
- Q-3 Attempt all questions (14)**
 (a) Write short note on grillage foundation. 05
 (b) Explain with the help of sketches the provision of various types of horizontal reinforcement in reinforced brick masonry. 05
 (c) Draw a sketch of an arch and show on it various technical terms used in its construction. 04
- Q-4 Attempt all questions (14)**
 (a) Describe the different types of buildings components in detail. 07
 (b) Write size of brick. Enlist types of bond in brickwork. Explain with sketch header and stretcher bond. 07
- Q-5 Attempt all questions (14)**
 (a) What are the different types of spread footing? Explain with sketches. 07
 (b) Explain the procedure for construction of marble flooring. 07
- Q-6 Attempt all questions (14)**
 (a) Explain classification of stair as per the material used. 07
 (b) Enlist various types of doors and explain flush door and collapsible steel door with figure. 07
- Q-7 Attempt all questions (14)**
 (a) Explain in detail pitched roof. 07
 (b) Explain structural and construction features of steel frames. 07
- Q-8 Attempt all questions (14)**
 (a) Write short note on cork flooring. 05
 (b) Explain water proofing of the building. 05
 (c) Explain object and requirement of good plaster. 04

