

- (b) What is foundation? Discuss the various functions of foundation. 07
- Q-6 Attempt all questions (14)**
- (a) What are the basic characteristics of black cotton soil? What precautions should be taken during foundation construction in black cotton soil? 07
- (b) Classify various types of lintels and discuss each with sketches. 07
- Q-7 Attempt all questions (14)**
- (a) What are the essential requirements of a floor? Explain marble flooring with sketch. 07
- (b) Write the factors affecting selection of size, shape, location and number of windows. Sketch casement window and label various components of window on it. 07
- Q-8 Attempt all questions (14)**
- (a) Explain systems and construction features of RCC frames. 07
- (b) What is the difference between plastering and pointing? Discuss cement mortar plastering. 07

