

- (B) Enumerate the different types of surface coating used in concrete. (7)
- Q-5 Attempt all questions (14)**
- (A) Explain the various factors affecting properties of FRC with its application and advantages. (7)
- (B) Discuss in detail about the two different process employed for Shotcreting in construction (7)
- Q-6 Attempt all questions (14)**
- (A) Explain the two methods of Under-Pinning techniques for foundation rehabilitation with neat Sketches. (7)
- (B) Define Durability. Explain the various factors affecting durability. (7)
- Q-7 Attempt all questions (14)**
- (A) Write short note on Alkali Aggregate Reaction. (7)
- (B) Write silent points in Demolition Plan. (7)
- Q-8 Attempt all questions (14)**
- (A) Explain the methodology to repair a earthquake deficient masonry structures with neat sketches. (7)
- (B) Write short notes on beam jacketing and column jacketing. (7)

