

- (b) What do you mean by normal consistency ? What is its significance ? How is it tested ? 8

OR

- 2 (a) What are the characteristics of lime ? Discuss IS classification of lime. 8
- (b) What is bulking of sand ? Discuss characteristics and uses of sand. 8

UNIT - III

- 3 (a) State and discuss different methods of seasoning of timber. 8
- (b) Discuss classification of timber on the basis of grading. 8

OR

- 3 (a) What are the various ingredients of plastics ? Give their specific uses. 8
- (b) What are the various ingredients of paints ? State the functions of each of them. 8

UNIT - IV

- 4 (a) State various components of a building. Discuss the functional requirement of super structure. 8
- (b) Classify building based on occupancy. 8

OR

- 4 (a) Name the various types of foundations generally used. Discuss construction of spread footing foundation. 8
- (b) Discuss causes of failure of foundations and their remedial measures. 8



UNIT - V

- 5 (a) What is the significance of bonding in brick work ? Differentiate between English Bond and Double Flemish bond with sketches. 10
- (b) Explain the differences between Brick-Masonry and Stone Masonary. 6

OR

- 5 (a) Discuss various types of pointing with sketches. 8
- (b) What are the common defects of plastering what are their causes and remedies ? 8

