

UNIT-III

5. a) Explain economic life of construction equipment in detail. [6M]
b) What are dozers? Discuss their classification and mention their uses and advantage over other earth moving equipment. [9M]

(OR)

6. a) Explain excavating equipment. Draw a neat sketch and explain working of any one of excavating equipment. [9M]
b) Write short notes on compaction rollers. [6M]

UNIT-IV

7. a) Explain the functions of following components with reference to Belt conveyer System: Belt, Feeders, Hold backs, Take ups. [8M]
b) Describe the various methods of dewatering system. [7M]

(OR)

8. a) Write short notes on different types of crushers. [6M]
b) What equipment is used for manufacturing of concrete? Discuss. [9M]

UNIT-V

9. a) Which are the causes of accident in construction project? Also explain why safety is important on construction project site. [8M]
b) What is fabrication? Explain about welding. [7M]

(OR)

10. a) What is a formwork? Explain their objectives, requirements and materials of form work. [8M]
b) What is erection? Explain how erection is carried out and the steps involved in successful erection of structures. [7M]
