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Roll No.....

CE-103

M. Tech.(CTM)–I Sem. (Reg./Ex.)

Examination, March-2021

Construction Technology

Time: Three Hours

Maximum Marks:70

Note: Attempt any five questions (each question carries equal marks)

- Q.4 (a) What is prestressed concrete? Describe various losses of prestressed concrete.
- (b) What planning you do to execute Dam construction Project
- Q.5 Discuss the following-
- (a) In situ construction techniques.
- (b) Fiber reinforcement pavement.
- Q.6 Discuss the following-
- (a) High rise building.
- (b) Laying heavy pipe lines.
- Q.7 (a) Explain the various types of trench less technologies.
- (b) Which concrete techniques you will select for concreting for high Rise Building?
- Q.8 (a) Describe the erection procedure of factory shed.
- (b) What method you will a deptford water in gst site and why?

- Q.1 (a) Explain the advanced pavement construction technique.
- (b) Explain the use and function of different concrete road construction Equipments?
- Q.2 (a) Discuss various qualities of a good formwork.
- (b) Differentiate between stationary and slip form work techniques on the basis form of use economy suitability?
- Q.3 (a) Discuss the shoring and describe various type shore.
- (b) Explain the shop & in situ construction tending use of steel structures?