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Roll No

CE-7005(1)-CBGS

B.E. VII Semester

Examination, December 2020

Choice Based Grading System (CBGS)

Infrastructure Engineering

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Define Infrastructure Engineering. Explain the Governing features of infrastructure engineering.
b) Give a brief historical overview of infrastructure development scenario in India.
2. a) What are types of infrastructure services and explain its role?
b) Explain the importance of infrastructure organizations and systems.
3. What are the different types of risks for any type of construction project? Explain in detail.
4. What is Contract? Enlist types of contract and explain any two in detail with its advantages and disadvantages.

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5. Define tender. How you will draft a typical tender for a material procurement in housing project?
6.
 - a) Discuss responsibilities of a project manager for sewerage scheme.
 - b) Discuss planning steps for a new water supply scheme for new colonies in a city.
7.
 - a) What are the essentials of a contract?
 - b) What is contract formation? Describe the elements of contract formulation.
8. Write short notes on:
 - a) Scrutiny of tender
 - b) Earnest Money Deposit
 - c) Security Deposit
