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GIET UNIVERSITY, GUNUPUR – 765022
M. Tech (Second Semester Examinations) – October' 2021
MPCT2030 – BUILDING SERVICES
(Construction Technology and Management)

Time: 2 hrs

Maximum: 50 Marks

(The figures in the right hand margin indicate marks)

PART – AQ.1. Answer **ALL** questions

(2 x 10 = 20)

- What do you understand by the term building preservation?
- What do you mean by Gully trap?
- Give two applications of decentralized waste water treatment.
- What do you mean by plumbing system and sewerage system?
- What is rainwater harvesting?
- Give two principles of house drainage.
- List out the protection methods used in buildings by a supervised sprinkler system.
- Define the term Plastering.
- Define building R/U ratio.
- List out the major phases required for successful project management.

PART – B**(6 x 5 = 30 Marks)**Answer **ANY FIVE** questions

Marks

- Describe about the design of water distribution system and the drainage considerations for multi-storied buildings (6)
- Explain the various types of construction projects. (6)
- Describe about the design aspects while designing a swimming pool. (6)
- Explain about the principles of house drainage. What are the main components of house drainage system? (6)
- Write short notes on: (6)
 - design considerations for provision of lifts in buildings.
 - Sound Absorption in an auditorium.
- Summarize the various fire resistant and building materials. (6)
- Write short notes on Planning grid. (6)

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