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GIET UNIVERSITY, GUNUPUR - 765022
M. Tech (Second Semester) Examinations, May - 2024
MPCCT2030 - Building Services
(CT)

Time: 3 Hrs

Maximum: 70 Marks

(The figures in the right hand margin indicate marks.)

PART – A**(2 x 10 = 20 Marks)**

Q.1. Answer all questions

	CO#	Blooms Level
a. What do you understand by horizontal pathway systems?	CO1	K2
b. Write short notes on Assembly buildings.	CO1	K1
c. Define the terms sewage and sullage.	CO1	K1
d. Name the various fire zones for the structures.	CO2	K2
e. What do you mean by quality of service in lifts?	CO2	K2
f. What are the main components of lifts?	CO3	K1
g. What are the three elements that BPE generally falls into?	CO3	K1
h. Define Group A and Group B of buildings.	CO4	K1
i. Write short notes on Planning grid.	CO4	K2
j. What do you mean by plumbing system and sewerage system.	CO4	K1

PART – B**(10 x 5=50 Marks)**Answer ANY FIVE questions

	Marks	CO#	Blooms Level
2. a. Give a brief account of decentralization case studies.	5	CO1	K3
b. Describe about the design aspects while designing a swimming pool.	5	CO1	K2
3.a. Describe about the building cooling in a building.	5	CO1	K1
b. Describe about HVAC system in a building.	5	CO1	K1
4. a. Illustrate briefly about technology infrastructure.	5	CO2	K1
b. Explain basic steps for space measurement for planning purposes.	5	CO2	K2
5.a. What are the methods of fire protection?	5	CO2	K1
b. What are the qualifications required for a construction manager?	5	CO2	K1
6. a. List out the various building services required for a good building.	5	CO3	K3
b. What are the expectations as a construction manager?	5	CO3	K3
7.a. classify traps on the basis of shape?	5	CO3	K1

b.	What are the main components of house drainage system?	5	CO3	K1
8. a.	What are the benefits of decentralized treatment?	5	CO4	K2
b.	Describe about the design of water distribution system for multi-soried buildings	5	CO4	K2

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