



GIET UNIVERSITY, GUNUPUR - 765022
M. Tech (First Semester) Examinations, January - 2024
MPCCT1020 - Quality and Safety in Construction
 (Construction Technology and Management)

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. Give three benefits of Statistical Quality Control.	CO1	K1
b. What are the Personal Protective Equipment's for head?	CO1	K1
c. What is meant by Quality Auditing?	CO1	K1
d. What is OSHA?	CO1	K1
e. Define the term Total Quality Management (TQM).	CO1	K2
f. Write short notes on Quality Control (QC).	CO1	K1
g. Write short notes on safety issues in construction site.	CO4	K1
h. What do you understand by Third Party Audit?	CO4	K1
i. What is meant by Material Quality Assurance?	CO4	K1
j. Give three roles and responsibilities of project manager.	CO4	K1

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

	Marks	CO#	Blooms Level
2. a. How do OSHA influences Private sector employees?	5	CO2	K1
b. List out the top safety measures at construction site.	5	CO2	K1
3.a. What is Personal Protective Equipment (PPE). List out PPE for head and foot?	5	CO2	K1
b. Describe in detail about Program Audit.	5	CO2	K2
4. a. How to develop a simple and effective training plan?	5	CO2	K1
b. Describe in brief about Accident Investigation Policy.	5	CO3	K2
5.a. Explain about The Management of Health and Safety at Work Regulations 199.	5	CO2	K2
b. Explain in detail about Safety and Health Management System.	5	CO3	K2
6. a. What are the roles and responsibilities of Site Supervisor?	5	CO2	K1
b. Write few safety precautions while working with electrical power.	5	CO3	K1
7.a. Write briefly about Equipment inspection.	5	CO3	K1
b. What is the importance of Safety Audit?	5	CO4	K1

8. a.	Write few safety precautions while working with electrical power?	5	CO3	K1
b.	Describe about hazard communication.?	5	CO3	K1

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