

M.Tech. Structural Engineering & Construction (CBCS Pattern) Sem-III
PSES32 / PSES32 (A) - Quality and Safety in Construction

P. Pages : 1

Time : Three Hours



GUG/W/22/11061

Max. Marks : 70

Notes : 1. Solve **any five** questions.

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| 1. | a) | Describe the process involved in Project Quality Management. | 7 |
| | b) | Explain the Quality Circle in detail. | 7 |
| 2. | a) | Describe the Importance of third-party certification. | 7 |
| | b) | Explain Taguchi's Concept of quality? | 7 |
| 3. | a) | Explain the quality of mortar in masonry. | 7 |
| | b) | Explain the inspection and examination of formwork. | 7 |
| 4. | a) | Describe the importance of record keeping in safety management in project. | 7 |
| | b) | Explain elements of effective safety programs. | 7 |
| 5. | a) | Describe the fire prevention standards in constructions. | 7 |
| | b) | Describe the risk management measures for controlling losses due to personnel, legal and property losses. | 7 |
| 6. | a) | Describe the salient features of a safety program. | 7 |
| | b) | Describe the safety measures in demolition of buildings. | 7 |
