

M.Tech. Structural Engineering & Construction (CBCS Pattern) Semester-III
PSES32A - Quality and Safety in Construction

P. Pages : 1

Time : Three Hours



GUG/W/24/11061

Max. Marks : 70

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- Notes :
1. All questions carry equal marks.
 2. Assume suitable data wherever necessary.
 3. Illustrate your answers wherever necessary with the help of neat sketches.
 4. Solve **any five** questions.

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| 1. | A) | What are the QA/QC system and organization. | 7 |
| | B) | Explain in detail benefits of ISO 9000 in the construction industry? | 7 |
| 2. | A) | Explain in detail statistical quality control as a tool of problem solving. | 7 |
| | B) | Explain in detail quality function deployment. | 7 |
| 3. | | Explain in detail Quality Audits. | 14 |
| 4. | A) | Explain the component of safety programmes. | 7 |
| | B) | Describe safety before demolition of building. | 7 |
| 5. | A) | Explain in detail safety Audits. | 14 |
| 6. | A) | Explain safety policies for safety organization and management. | 7 |
| | B) | Discuss legal problems in safety management. | 7 |
