

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

P. Pages : 1

Time : Three Hours



GUG/W/23/11061

Max. Marks : 70

Note : Solve **any five** questions.

- | | | | |
|----|----|--|---|
| 1. | a) | Explain in detail benefits of ISO 9001 in the construction industry? | 7 |
| | b) | State and Explain Principal of TQM | 7 |
| 2. | a) | Discuss with an example stages in building the house of quality. | 7 |
| | b) | Explain in detail Statistical Quality Control as a tool of problem solving. | 7 |
| 3. | a) | Write about tolerance level of concrete in construction industry. | 7 |
| | b) | Describe safety during at the time of demolition of building. | 7 |
| 4. | a) | State salient features of safety program. | 7 |
| | b) | Describe safety during before demolition of building. | 7 |
| 5. | a) | What are the roles and responsibilities of Construction Workers? | 7 |
| | b) | Give a brief explanation on safety manuals preparation. | 7 |
| 6. | a) | What are the various types of Accident and Their Causes in Dam Construction. | 7 |
| | b) | What is the safety to be concerned in building construction? | 7 |
| 7. | a) | What is construction accident law? | 7 |
| | b) | Discuss Legal problems in Safety Management. | 7 |
