

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
