

PSES32A - Quality and Safety in Construction

P. Pages : 1



GUG/S/23/11061

Time : Three Hours

Max. Marks : 70

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

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| 1. | a) | What are the problem solving techniques in construction. | 7 |
| | b) | What are the QA/QC system and organization. | 7 |
| 2. | | Write short note on following.
National building code 2005
Quality function deployment
Statistical Quality Control. | 14 |
| 3. | | Explain in detail Quality Audits. | 14 |
| 4. | a) | Explain Total Quality Control Management Concepts. | 7 |
| | b) | Write short note on
Material Quality Assurance
Specification and Tolerances | 7 |
| 5. | | Write short note on:
Safety Program Components
Role of worker, Suspension, Management and Owner. | 14 |
| 6. | | Explain in detail safety procedure for various construction operations. | 14 |
| 7. | a) | What are role of safety organizations and safety committees. | 7 |
| | b) | Explain in detail safety bias. | 7 |
| 8. | | Write short note on following.
Safety Audits
Safety Policies
International agreements of safety
Safety issues
Injury Accidents | 14 |
