

**PARUL UNIVERSITY**  
**FACULTY OF ENGINEERING & TECHNOLOGY**  
**M.Tech. Summer 2017 - 18 Examination**

**Semester: 1**  
**Subject Code: 03216104**  
**Subject Name: Quality, Safety & Corporate Responsibility in**  
**Const. Projects**

**Date: 29/05/2018**  
**Time: 02:00PM TO 04:30PM**  
**Total Marks: 60**

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**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1A) Explain “Audits” in connection of TQM. (05)**  
B) Under what circumstances even the lowest tender can also be rejected? (05)  
C) Enlist various quality tools used in TQM. Explain SPC in detail. (05)
- Q.2 Answer the following questions. (Attempt any three) (Each five mark) (15)**  
A) Explain the repercussions of construction accidents.  
B) What are the benefits of TQM in construction industry?  
C) Write short note on: “Quality Control Function”.  
D) Write short note on “Construction accident reporting”.
- Q.3A) Explain in detail the entire standard bid process from conceptual stage to handover stage. (07)**  
B) Explain “Quality Management Principles” as per ISO 9001:2000. (08)
- OR**
- B) Enlist the sections and sub-sections of ISO 9001:2000. (08)
- Q.4A) Discuss the contribution of Deming in the field of Quality Management. (07)**
- OR**
- A) Discuss Juran’s suggested steps for quality improvement. (07)  
B) What is the importance of quality management in context of construction project? (08)