

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech. Winter 2018 - 19 Examination

Semester: 1
Subject Code: 203216134
**Subject Name: Quality, Safety Management And Corporate
Social Responsibility In Construction Projects**

Date: 13/12/2018
Time: 10:30 am to 1:00 pm
Total Marks: 60

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.1** A) Write a short note on Safety. (05)
B) What is Failure Mode And Effect Analysis? What is the need to do FMEA? (05)
C) Write brief note on Quality Policy. (05)
- Q.2** Answer the following questions. (Attempt any three) (Each five mark) (15)
A) Discuss inspection in a construction industry.
B) Write short note on ISO standards and their benefits.
C) Write brief note on Standard Operating Procedure.
D) Discuss Taguchi's concept of quality.
- Q.3** A) What is Total Quality Management? Explain in Detail: "Principal of TQM". (07)
B) Explain " Quality Management Principles" as per ISO 9001:2000 (08)
- OR**
- B) What is Hazard? Explain types of Hazards. Write the control measure of Hazard? (08)
- Q.4** A) Discuss Juran's suggested steps for quality improvement. (07)
- OR**
- A) Enlist tools used in TQM. Explain any two in detail. (07)
B) Enlist the sections and subsection of ISO 9001:2000. (08)