

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech. Winter 2019 – 20 Examination

Semester: 1**Subject Code: 203216134****Subject Name: Quality And Safety Management In Construction Projects****Date: 19/12/2019****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 short note on ISO 9000 and its benefits. (05)
B) Discuss Taguchi's concept of quality. (05)
C) Write short note on SOP. (05)
- Q.2** Answer the following questions. (Attempt any three) (Each five mark) (15)
A) What is quality control and quality assurance in a construction industry?
B) What is safety? Why it is important to maintain it on working place?
C) Write short note on Quality Policy.
D) What is FMEA? Why there is the need to do FMEA
- Q.3** A) Enlist tools used in TQM. Explain any two in detail. (07)
B) Enlist the sections and subsection of ISO 9001:2000. (08)
- OR**
- B) Discuss Juran's suggested steps for quality improvement. (08)
- Q.4** A) Explain "Quality Management Principles" as per ISO 9001:2000 (07)
- OR**
- A) Explain in Detail: "Principal of TQM". (07)
B) What is Hazard? Explain types of Hazards. Write the control measure of Hazard? (08)