

Total No. of Questions : 6]

SEAT No. :

P5893

[Total No. of Pages : 2

BE/INSEM/OCT. - 511
B.E. (Civil) (Semester - I)
TQM and MIS in Civil Engineering
(Elective - II) (2015 Pattern)

Time : 1 Hour]

[Max. Marks :30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 2) *Figures to the right indicate full marks.*

Q1) a) Differentiate Between TQM and TQC. **[5]**

- b) "Quality is not an act, it is a habit." Justify this sentence with a suitable example. **[5]**

OR

Q2) a) What do you mean by QC and QA? Explain with example. **[5]**

- b) Discuss the various Factors which affects on quality of construction. **[5]**

Q3) a) What do you understand by quality function deployment (QFD)? **[5]**

- b) Explain House of quality tool used in QFD. **[5]**

OR

Q4) a) Comment on the defects likely to occur after construction of brickwork and suggest remedial measures. **[5]**

- b) Write a note on six sigma. **[5]**

P.T.O.

- Q5) a) How to prepare quality manual documents? [6]**
b) Prepare a checklist for slab casting operation. [4]

OR

- Q6) a) Explain the steps involved in ISO 9001 Certification for a construction firm. [6]**
b) Define [4]
- i) Corrective action
 - ii) Preventive action
 - iii) Conformity reports
 - iv) Non conformity reports