

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