

Total No. of Questions : 6]

SEAT No. :

P87

[Total No. of Pages : 1

OCT/BE/Insem.-11
B.E. (Civil) (Semester - I)
TQM & MIS IN CIVIL ENGINEERING (Elective - II)
(2012 Pattern)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.*
- 2) *Neat diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*

- Q1)** a) Discuss in detail various definition of quality. [5]
b) Explain the various factors that affect quality in the construction phase.[5]

OR

- Q2)** a) Quality is customer satisfaction. comment. [5]
b) Discuss the various responsibilities of quality control manager in bridge construction project. [5]

- Q3)** a) Define MIS. What are its characteristics. [5]
b) Differentiate between data and information with suitable example. [5]

OR

- Q4)** a) Discuss the componets of MIS in detail. [5]
b) Explain the relevance of information system in the current business scenario. [5]

- Q5)** a) Explain the necessity of six sigma in construction organization. [5]
b) Explain in detail various construction defects. [5]

OR

- Q6)** a) What are the advantages of Total Quality Management. [5]
b) Write short note on : DMAIC. [5]

