

Total No. of Questions : 6]

SEAT No. :

P5111

[Total No. of Pages : 2

B.E./Insem.-511

B.E. (Civil)

TQM & MIS IN CIVIL ENGINEERING

(2012 Pattern) (Elective - II) (Semester - I)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right side indicate full marks.*
- 4) *Assume suitable data if necessary.*

Q1) a) Explain the contribution of Edward Deming and Philip Crosby in TQM. [6]

b) Write a detail note on Quality Function Deployment. [4]

OR

Q2) a) Write a detailed note on Quality Audit. [5]

b) Give a note on "Cause and effect diagram". [5]

Q3) a) Define MIS? Explain benefits and limitations of MIS. [6]

b) What are the sources of information? [4]

OR

Q4) a) What is Decision support system? Explain various components of DSS. [6]

b) Give the difference between Data & information. [4]

P.T.O.

- Q5)** a) What is TQM? Explain the need of TQM in Construction Industry. [6]
b) Write the checklist for the activity “Casting an RCC slab”. [4]

OR

- Q6)** a) Differentiate between TQM and TQC. [4]
b) What are the various barriers in implementation of TQM in construction industry? [6]

