

Total No. of Questions : 8]

PC2363

SEAT No. :

[Total No. of Pages : 2

[6354]-479

B.E. (Civil)

TQM & MIS

(2019 Pattern) (Semester - VIII) (Elective - VI) (401014A)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, and Q.7 or Q.8.
- 2) Figures to the right indicates full marks.
- 3) Neat figures must be drawn wherever necessary.
- 4) Assume suitable data, if required.

- Q1)** a) What do you understand by quality audit? State the types and objectives of quality audit. [9]
- b) State the reasons for implementing a quality system that conforms to ISO standard. [8]

OR

- Q2)** a) What do you understand by Checklist? Prepare a checklist for formwork activity. [8]
- b) Write a short note on- Quality Management System & Quality Audit. [9]

- Q3)** a) Define quality circle. Explain the benefits and limitations of the same. [8]
- b) Explain the concept of cost of quality(COQ). Describe its various categories using suitable diagrams. [9]

OR

- Q4)** a) What is benchmarking? State the objectives and limitations of benchmarking. [8]
- b) Explain CONQUAS with a suitable example. [9]

- Q5)** a) Explain with example 5S technique. Also state the benefits. [9]
- b) Explain in brief 'Failure Mode Effect Analysis (FMEA)' [9]

OR

P.T.O.

- Q6)** a) Explain zero defects with suitable example. [9]
b) Explain Two Inter-National Quality Awards. [9]

- Q7)** a) Explain subsystems of MIS in brief. [9]
b) Differentiate Between Data and Information. [9]

OR

- Q8)** a) Explain advantages and limitations of MIS in implementation on construction site. [9]
b) Define Decision Support System. Explain Various Components of DSS. [9]

