

Total No. of Questions : 10]

PD4570

SEAT No. :

[Total No. of Pages : 2

[6404]-75

B.E. (Civil)

TQM AND MIS

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

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.
- 2) Neat diagrams should be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.

- Q1)** a) Explain in details Contribution in the field of quality by Deming & Cross by **[6]**
- b) Explain in details different measures to be taken on construction site to overcome the problem of poor quality? **[6]**

OR

- Q2)** a) Explain in details TQM? Explain need of TQM in construction industry. **[6]**
- b) Explain in details quality control tools and explain any two in detail. **[6]**

- Q3)** a) Explain in details the types of construction defect? Explain any two with examples. **[6]**
- b) Explain the historical evolution of TQM. **[6]**

OR

- Q4)** a) Explain in details principles of ISO 9001 and explain any two. **[6]**
- b) Explain in details a checklist for RCC work for column. **[6]**

- Q5)** a) Explain CONQAS with suitable example. **[8]**
- b) Explain in details Quality Function Deployment (QFD). **[6]**

OR

P.T.O.

- Q6)** a) Explain in details the contents of quality manual? Describe in brief. [8]
b) What do you mean by Quality Circle? List out its benefits. [6]

- Q7)** a) Explain CIDC-CQRA certifications. [8]
b) Explain in brief Benchmarking in TQM? Explain the benefits & limitations of the same. [8]

OR

- Q8)** a) Explain in brief cost of Quality with case study. [8]
b) Explain in details data & Information with suitable example. [8]

- Q9)** a) Explain zero defects with suitable example. [8]
b) Explain in brief Deming Prize & Malcolm baldrige award. [8]

OR

- Q10)** a) Explain subsystems of MIS in brief. [8]
b) Explain in brief any two National quality awards. [8]

