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SEAT No. :

PD259

[Total No. of Pages : 1

[6411]-34

B.E. (Civil) (Insem)

TQM AND MIS

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

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4.*
- 2) *Neat diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data if necessary and clearly state.*
- 5) *Use of cell phone is prohibited in the examination hall.*
- 6) *Use of electronic pocket calculator is allowed.*

Q1) a) Explain in detail benefits of applying TQM on construction site. **[8]**

b) Explain objectives and quality control in construction. **[7]**

OR

Q2) a) “Workman ship is important parameter of quality work”, comment. **[8]**

b) List out any four quality control tools and explain any two in detail. **[7]**

Q3) a) Enlist seven quality control tools. Explain any two with suitable example. **[7]**

b) Discuss the necessity and importance of Quality Function Deployment.(QFD) **[8]**

OR

Q4) a) Explain DMAIC and DMADV. **[7]**

b) What is Six Sigma? Explain their certification levels. **[8]**

