SEAT No. :

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[6010]-34

B.E. (Civil Engineering) (Insem)
TQM AND MIS
(2019 Pattern) (Semester - VIII) (401014 A) (Elective - VI)

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 seven principles of Quality Management System.   **[8]**

     b)   Explain the Management Principles in QA.   **[7]**

OR

Q2) a)   Explain the PLAN-DO-CHECK-ACT (PDCA) CYCLE.   **[8]**

     b)   Explain the Role of Civil Engineer in Total Quality Management.   **[7]**

Q3) a)   Explain the different variations that are used in the Six Sigma process.**[8]**

     b)   Explain the data is needed for a run chart.   **[7]**

OR

Q4) a)   Explain the IMPLEMENTING LEAN SIX SIGMA in Construction Industry.   **[8]**

     b)   What are some of the common defects in construction project.   **[7]**

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