

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(ME)(Sem.-6)
TOTAL QUALITY MANAGEMENT

Subject Code : DE/ME-2.5

M.Code : 71257

Date of Examination : 15-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Answer briefly :

- (a) Explain concept of TQC.
- (b) Give benefits of TQM.
- (c) What is QFD?
- (d) Explain various QC tools of TQM.
- (e) Explain the concept of Taguchi method.
- (f) Give the various methods for problem identification in a company.
- (g) Give the elements of JIT system.
- (h) List the types of benchmarking.
- (i) List the methods of Team Building under TEI.
- (j) What do you mean by failure mode effect analysis?

SECTION-B

2. Explain in detail about the Equipment Layout of JIT system.
3. Discuss in detail the salient features of TQC.
4. Discuss the role of reward and recognition in TEI concept.
5. Explain in detail the benefits and elements of ISO 9001.
6. Explain in detail the concept of Material Requirement Planning.

SECTION-C

7. Explain the concept of Total workers involvement in JIT system.
8. Discuss in detail Just-in-time cause and effect chain in a manufacturing Industry.
9. Discuss the relevance of TQM in today's manufacturing scenario.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.