Printed pages: 01 **Sub Code: MTME042**

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M. TECH.
(SEM -02) THEORY EXAMINATION 2018-19
TOTAL QUALITY MANAGEMENT

Time: 3 Hours ***Total Marks: 70***

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x 7 = 14**

a. What is policy development?
b. Give the origin of ISO 9000.
c. What is quality assurance system?
d. What is plan formulation?
e. What are benefits of TQM?
f. What is data collection?
g. What is quality function development?

SECTION B

2. Attempt any *three* of the following: **7 x 3 = 21**

a. What are elements of ISO 9001?
b. Give the steps of JIT.
c. Discuss canban.
d. Explain the name of quality control tool.
e. What are the various way of training process for quality circle and TQM?

SECTION C

3. Attempt any *one* part of the following: **7 x 1 = 7**

(a) Explain the FMEA technique of TQM in details along with it advantages and limitations.
(b) What are types of benchmarking?

4. Attempt any *one* part of the following: **7 x 1 = 7**

(a) Explain the Process control chart.
(b) Explain the Statistical Productivity control (SPC)

5. Attempt any *one* part of the following: **7 x 1 = 7**

(a) Define the System reliability.
(b) Write short note on Quality system documentation.

6. Attempt any *one* part of the following: **7 x 1 = 7**

(a) Explain the participation.
(b) Explain the Supplier integration.

7. Attempt any *one* part of the following: **7 x 1 = 7**

(a) Explain the basic Concept and Philosophy of TQM.
(b) Explain the ISO 9000 concepts.

Dr. Rajesh Tewari | 24-May-2019 13:39:26 | 139.5.198.30