

No. of Printed Pages : 03

Roll No.

BB-88

M. Tech. EXAMINATION, May 2017

(Second Semester)

(B. Scheme) (Main & Re-appear)

(ME)

MEI-504-B

QUALITY ENGINEERING

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(2-10) M-BB-88

P.T.O.

Unit I

1. Define Quality and discuss objectives and attributes of quality. **15**
2. Explain different types of quality costs. **15**

Unit II

3. Explain the concept of quality assurance and quality control. **15**
4. Discuss the philosophies as advocated by different quality Gurus. **15**

Unit III

5. Explain QFD approach in detail. **15**
6. Discuss the significance of Taguchi approach. Explain process capability in detail. **15**

Unit IV

7. Discuss strategic quality planning. Explain with neat sketches different tools used for strategic

quality planning and how they differ from seven old tools for quality. **15**

8. Discuss Kaizen approach. Explain implementation aspects and issues in TQM. **15**