

Sem V / CBSGS / AUTO / MQE / M-J-17

Q.P. Code : 561402

(3 Hours)

[Total Marks : 80

NB:

1. Question Number 1 is compulsory
2. Attempt any three questions from remaining
3. Draw suitable sketch to justify explanation and assume suitable data if required.

- Q 1 A] Distinguish between Quality and Cost [5]
- B] Compare Cost of Quality and value of Quality [5]
- C] Explain use of Laser Interferometer [5]
- D] Explain working of profile Projector [5]
- Q 2 A] Explain the principal construction of Parkinson's Gear Tester [10]
- B] Explain the different modes of the Surface Roughness [10]
- Q 3 A] Explain Two Wire method used in Screw Thread Measurement [10]
- B] Explain Pitter Gauge Interferometer [10]
- Q 4 A] Explain types of Cost of Quality with suitable example [10]
- B] What are the objective of quality control [10]
- Q 5 A] Explain use of X bar and R charts in quality control [10]
- B] Define "Control Chart" state objective of control chart for variables [10]
- Q6 Write short notes on any four [20]
- A] Tooth thickness measurement
- B] SQC tools
- C] Tool Maker Microscope
- D] Acceptance sampling
- E] Consumers Risk and Producers risk