Q.P. Code : 561400

(3 Hours)   [Total Marks : 80]

N B:

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 Line Standard and End Standard	[5]
	B]	Compare Pneumatic and Mechanical Comparator	[5]
	C]	Explain Taylor's Principal of Gauge Design also Types of Fits	[5]
	D]	Explain Waviness and Roughness	[5]
Q 2	A]	Explain the principal construction of Parkinson's Gear Tester	[10]
	B]	Explain the different Elements 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	