Q.P. Code: 39029

Total Marks: 80 Duration: 3 Hours

N.	В.:-			
	1. Q	uestion No.1 is compulsory	90	
		igures to right indicate full marks		
Q1	A]	Explain different types of tolerance grades	5	
	B]	Write short note on-Planning for quality.	5	
	C]	Explain principle of interference.	5 5	
	D]	Explain importance of surface conditions.	5	
Q2	A]	Explain following:-	10	
		1) Plug gauges and ring gauges		
	DI	2) Filler gauges	16	
	B]	Explain following parameters with respect to surface roughness measurement:- 1) R _a Value	10	
		2) R _z Value		
		3) R _y Value		
		4) Roughness and Waviness		
Q3	A]	Explain Construction and working of Pneumatic Comparators. State their advantages and limitations.	10	
	B]	How will you set up policy and objectives of quality control? Explain concept of quality of design.	10	
Q4	- A]	Explain construction and working of Tool makers microscope with the help of suitable sketch.	10	
	B]	Explain following:-	10	
200		1) Scatter diagrams		
		2) Pareto Charts		
Q5	A]	\Y	10	
	3/2/2	Profile projector		
	B]	Explain following:-	10	
	£30,6	1) X bar Charts		
		2) R Charts 3) P Charts		
		4) Np Charts		
Q6	5 A]	Explain Principle, Construction and working of Parkinson's Gear tester	1(
	BJ	Sketch OC curve and explain various elements of it. Also explain double sampling	10	