

Unit IV

Part–A(Short Answer Questions)				
S.No.	Question	BT	CO	PO
1	Define limits and tolerance?	L1	CO4	2,3
2	Explain types of fits?	L1	CO4	2,3
3	Differentiate hole shaft basis system?	L2	CO4	2,3
4	Define Limit gauges?	L2	CO4	2,3
5	Explain the various standards of linear measurement?	L2	CO4	2,3
6	What are the applications optical flats?	L2	CO4	2,3
7	What meant by unilateral and bilateral?	L2	CO4	2,3
8	What are the instrument s used for flat surface measurement?	L1	CO4	2,3
9	Explain the measurement of flatness using straight angles?	L1	CO4	2,3
10	Define the sine bar and its applications?	L2	CO4	2,3
Part–B (Long Answer Questions)				
11	Explain with help of a diagram the principle of working of a sine bar for angular measurement? list of the advantages and application	L3	CO4	2,3
12	Define and explain about interchangeability and selectively?	L3	CO4	2,3
13	With a sketch explain the construction of auto collimator. What are its applications?	L3	CO4	2,3
14	Explain the briefly different types of fits with necessary sketch?	L2	CO4	2,3
15	Mention the materials used for the manufacturing of GO and NOGO gauges? Explain the deposition of tolerance on GO and NOGO gauges by taking references to work tolerances?	L3	CO4	2,3

