

### Unit-V

<b>Part-A(Short Answer Questions)</b>				
S.No.	Question	BT	CO	PO
1	What is the Importance of Surface roughness?	L1	CO5	1,2
2	Define the terms roughness, waviness, lay, flaws and roughness width.	L1	CO5	1,2
3	What are the methods of measurements for Surface finish?	L2	CO5	1,2
4	What is the difference between surface roughness and surface waviness?	L2	CO5	1,2
5	Mention the geometrical characteristics of a surface?	L2	CO5	1,2
6	Define surface finish?	L2	CO5	1,2
7	What are the symbols for surface finish?	L3	CO5	1,2
8	Derive the expression for Best size of Wire'?	L1	CO5	1,2
9	Define position accuracy?	L1	CO5	1,2
10	Write the applications of features CMM?	L2	CO5	1,2

<b>Part-B (Long Answer Questions)</b>					
11		Write the difference between surface roughness and surface waviness?	L3	CO5	1,2
12	a)	Write its applications of surface roughness?	L3	CO5	1,2
	b)	Write the advantages and disadvantages of surface waviness?	L3	CO5	1,2
13		Comparison between RMS and CLA values	L3	CO5	1,2
14	a)	With the help of neat sketch explain about talyurf method for measuring surface finish?	L2	CO5	1,2
	b)	Write its advantages and application of surfaces finish	L3	CO5	1,2
15		What are the methods of measurement of surface finish and explain any one?	L3	CO5	1,2