



UNIT-IV

S. No	Questions	BT	CO	
Part – A (Short Answer Questions)				
1	What is hot working?	L1	5	
2	State the methods of hot working.	L2	5	
3	What is a re-crystallization in hot working?	L1	5	
4	What is forming process?	L1	5	
5	What is strain hardening?	L1	5	
6	What is advantage of a hot spinning?	L2	5	
7	What is bending process?	L1	5	
8	What is a rolling operation?	L1	5	
9	What is the difference between wire drawing and tube drawing?	L2	5	
10	What is a deep drawing?	L1	5	
Part – B (Long Answer Questions)				
11	a) Explain the advantages and disadvantages of hot working process.	L2	5	
	b) What is a bending? Explain in detail with a neat sketch.	L1	5	
12	a) Distinguish between the hot working and cold working processes.	L2	5	
	b) What is recrystallization? Explain in detail.	L2	5	
13	a) Describe in detail the process of rolling with a neat sketch	L1	5	
	b) Briefly explain the terms a) piercing b) blanking c) forming d) bending	L1	5	
14	a) Explain the different types of rolling mills with neat figures.	L2	5	
	b) Describe the spinning process with a neat sketch.	L1	5	
15	a) Explain how tube drawing is different from wire drawing?	L2	5	
	b) Distinguish between drawing and deep drawing process.	L2	5	
16	a) Enumerate the applications of press tools in detail	L2	5	
	b) Explain the changes in micro-structure during the rolling process with a neat figure.	L1	5	