

5th	3rd	Thermal decomposition.
	4th	Reduction or DRI method.
6th	1st	Electrodeposition.
	2nd	What is mixing
	3rd	What is blending
	4th	Purpose of blending
7th	1st	What is compaction.
	2nd	single action die compaction
	3rd	Double action die compaction
	4th	Isostatic compaction.
8th	1st	Describe and advantage
	2nd	HIP
	3rd	CIP
	4th	Continuous compaction
9th	1st	Roll compaction.
	2nd	Sintering
	3rd	3 stages of sintering
	4th	3 variables of sintering
10th	1st	Time, temp, furnace role.
	2nd	P/M different products.
	3rd	Sintered friction materials
	4th	Cermets
11th	1st	Diamond impregnated tools.
	2nd	What is metal joining
	3rd	Welding - Defn
	4th	Classify different welding
12th	1st	Welding instruments -
	2nd	Gas welding method.
	3rd	ARC welding method.
	4th	TIG
	1st	MIG

13th	2nd	Oxy - acetylene welding
	3rd	Advantages & limitations of gas welding
	4th	Arc welding - method.
14th	1st	Merit & demerits of arc welding
	2nd	Spot welding
3rd	Resistance welding.	
4th	Welding vs. brazing	
15th	1st	brazing methods & examples
	2nd	Soldering defn & method.
	3rd	weldability
	4th	HAZ
16th	1st	Diff. welding defects - examples
	2nd	Method of minimisation.
	3rd	Revision of old topic
	4th	Revision of old chapters.

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