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**312313 – Manufacturing Technology (Sem II)**

**As per MSBTE's K Scheme**

**ME / AE / MK / PG**

<b>Unit V</b>		<b>Metal joining processes</b>		<b>Marks - 16</b>	
<b>S. N.</b>	<b>MSBTE Board Asked Questions</b>	<b>Exam Year</b>	<b>Marks</b>		
1.	State the applications of TIG welding	W-23 S-19	2M		
2.	Describe the following welding defects with their causes and remedies: i) Porosity ii) Cracks in the weld iii) Slag inclusions	W-23 W-22	6M		
3.	List any four welding defects and their causes	S-23 S-19	4M		
4.	Draw neat sketch showing TIG welding process. Explain its working	S-23	6M		
5.	State the advantages of MIG welding.	W-22 W-19	2M		
6.	Name the fillers used in soldering.	W-22	4M		
7.	Differentiate between soldering and brazing.	S-22 S-19	2M		
8.	Differentiate between TIG and MIG welding. (atleast four points)	S-22	4M		
9.	Define brazing	W-19	2M		
10.	Explain with neat sketch the working principle of MIG	S-19	4M		

# Thank You

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