



**Mechanical Mechatronics  
Department**

YB

**LNMIIT**  
The LNM Institute of  
Information Technology

**Mid - Term Examination 2018 - 19**

**All questions are compulsory. Use of unfair means are strictly prohibited.**

<b>Subject: Manufacturing Technology 1</b>		<b>Duration: 1.5 Hour</b>
<b>Name:</b> [REDACTED]		<b>Total Marks: 30</b>
<b>S. No.</b>	<b>Question</b>	<b>Marks</b>
1	Draw schematic for SMAW, GMAW, GTAW and SAW process ?	4
2	Describe PESMAW, ASAW and paste coating for surfacing ?	9
3	How the arc formation taken place in arc welding process ?	5
4	What are the various limitation of SMAW, GMAW, GTAW and SAW process ?	6
5	In a arc welding process, three process parameters are controlling the output result. Please find out the value of coefficient for one mathematical model / response equation. Let us assume the average value of respective result is 2, 3, 4, 5, 6, 7, 8, 9.	6