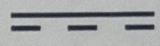
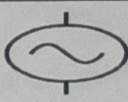

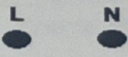
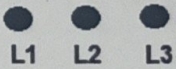
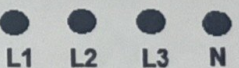
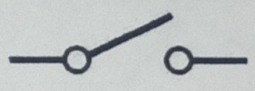
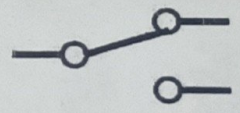
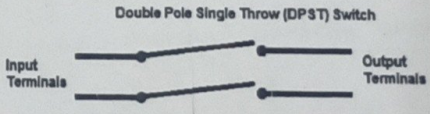
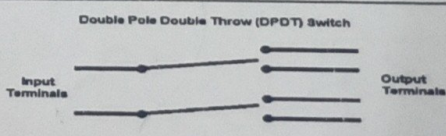
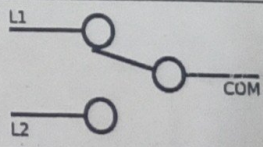
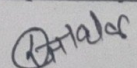


EXPERIMENT NO: 1

AIM: TO STUDY THE VARIOUS ELECTRICAL SYMBOLS.


1	D.C. Supply	
2	A.C. Supply	
3	D.C. Terminal	
4	1 Ph A.C Terminal	
5	3 Ph 3 wire A.C Terminal	
6	3 Ph 4 wire A.C Terminal	
7	Single pole single through switch	
8	Single pole double through switch	
9	Double pole single through switch	
10	Double pole double through switch	
11	Two way switch	

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Date: 24.10.2020

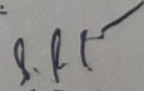
Approved By:

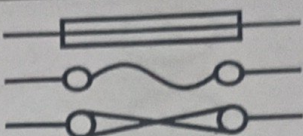
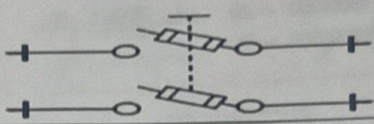
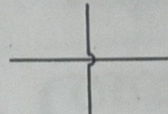
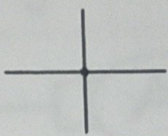

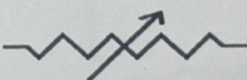
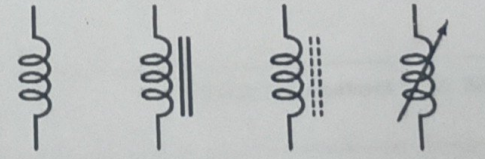
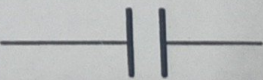
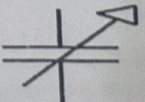
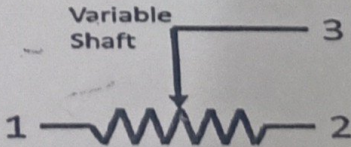

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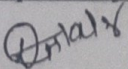
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QMS Coordinator
Date: 24.10.2020


12	Fuse	
13	Switch fuse unit	
14	Cross over	Not connected 
15	Junction	Connected 
16	Fixed resistance	
17	Variable resistance	
18	Inductors	 Air Core Iron Core Ferrite Core Variable Core
19	Fixed capacitor	
20	Variable capacitor	
21	Single tube rheostat	 Variable Shaft

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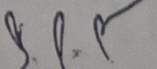

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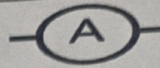

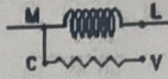
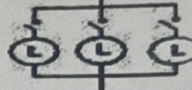
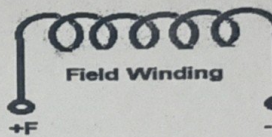

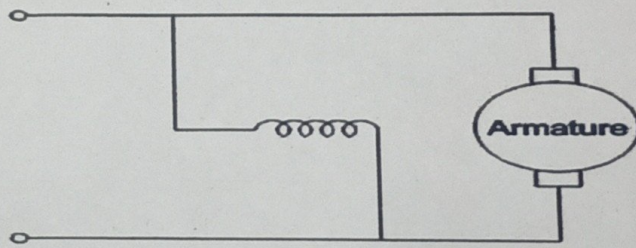
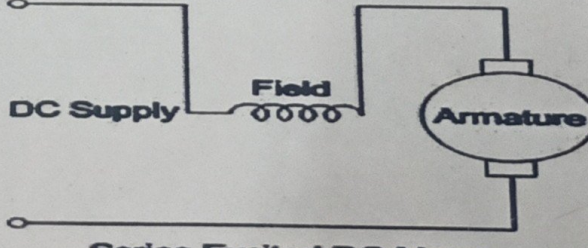
Approved By:


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Head, Electrical Department
Date: 24.10.2020

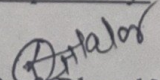
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
22	Ammeter	
23	Voltmeter	
24	Wattmeter	 <p>ML = CURRENT COIL CV = PRESSURE COIL</p>
25	Lamb load	
26	Field winding	 <p>Field Winding</p>
27	Armature	 <p>Armature</p>
28	D.C. shunt machine	 <p>Shunt Excited DC Motor</p>
29	D.C. series Machine	 <p>Series Excited DC Motor</p>

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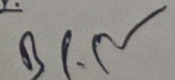
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30	D.C. Compound machine	
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CONCLUSION: In this experiment, we have studied almost all of the electrical symbols.

(Handwritten signature)

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