

PAPER-III
**SUNJECT CODE & NAME-801510-MEDICAL ELECTRONICS, BIOPHYSICS AND
COMPUTER USAGE RELEVANT TO CARDIAC TECHNOLOGY AND BASIC
ELECTROCARDIOGRAPHY**
**UNIT 1 –TOPIC- THE FUNDAMENTAL PRINCIPLES OF ELECTROCARDIOGRAPHY, CARDIAC
ELECTRICAL FIELD GENERATION, AND LEAD SYSTEMS**

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S. No.	Question/Topic	Month & Year	Bloom's Taxonomy Level
10Marks			
1	What are the unipolar limb leads and how are there different from augmented limb leads?	Feb 2016	Analyze
2	Describe the concept of augmented limb leads.	Aug 2019	Elaborate
3	Explain unipolar and augmented limb leads.	Feb 2020	Analyze

5 marks

S. No.	Question/Topic	Month & Year	Bloom's Taxonomy Level
1	Augmented limb leads.	Aug 2016	Understand
2	What is electrical axis?	Aug 2016	Understand
3	What is left axis and right axis deviation?	Aug 2016	Understand
4	What is Precordial Chest leads?	Aug 2017	Remember
5	What is electrical axis of heart?	Aug 2017	Remember
6	Augmented limb leads.	Feb 2019	Remember
7	Augmented limb leads.	Aug 2016	Remember

3 marks

S. No.	Question/Topic	Month & Year	Bloom's Taxonomy Level
1	Describe the Placement of precordial Leads.	Aug 2015	Remember
2	Write about Placements of Pericardial Electrodes. (Likely referring to Precordial)	Feb 2016	Analyze
3	Placement of pericardial electrodes. (Likely referring to Precordial)	Aug 2018	Analyze
4	Draw hexaxial reference system Label the leads and indicate the degree.	Aug 2019	Remember