

SUBJECT CODE & NAME -1532 - ADVANCED ECG AND TREADMILL EXERCISE STRESS TESTING AND 24HOUR AMBULATORY ECG AND BP RECORDING
UNIT 3 – CARDIAC ARRHYTHMIAS, HEART-BLOCKS AND ELECTRICAL THERAPY

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

S.No	Question	Reference (Exam Month & Year)	Bloom's Taxonomy
10MARKS	Elaborate on:		
1	Discuss the ECG findings in Ventricular Tachycardia. How will you differentiate it from Supraventricular Tachycardia?	February 2017, March 2021	Analyze
2	Discuss various types of Atrioventricular Blocks with ECG examples.	April 2023, November 2023	Analyze
3	Explain in detail the indications, contraindications, and techniques of Cardioversion.	April 2024	Apply
4	Ventricular Arrhythmias – Mechanism and ECG features of Ventricular Tachycardia and Ventricular Fibrillation.	April 2023	Understand
5 MARKS	Write Notes on :		
5	Ventricular premature contractions – ECG features and clinical significance.	February 2017, February 2019	Understand
6	Describe the ECG features of Supraventricular Tachycardia.	February 2018, February 2019	Apply
7	ECG features of Atrial Flutter and Atrial Fibrillation.	August 2019, April 2024	Understand
8	ECG findings in Complete Heart Block.	February 2019, November 2023	Remember
9	Discuss Mobitz Type I (Wenckebach) and Mobitz Type II AV Block.	August 2016, March 2021	Analyze
10	Define and discuss the significance of Prolonged PR interval.	April 2024	Remember
11	Monophasic and Biphasic DC shock – principles and differences.	February 2017, February 2022	Understand
12	Indications and precautions while giving DC Shock.	August 2019, April 2023	Apply
13	Define Defibrillator. Write the indications and precautions in use.	April 2024	Remember
14	Indications for Cardioversion and its contraindications.	September 2022, April 2024	Understand
3MARKS	Write short notes on :		
15	Enumerate three ECG features of Ventricular Premature Beats (VPC).	August 2016, November 2023	Remember

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B.Sc. CARDIAC TECHNOLOGY-II-YEAR



16	Define Supraventricular Tachycardia.	February 2018, April 2024	Remember
17	Draw ECG pattern of Atrial Flutter.	February 2018, November 2023	Remember
18	Define Ventricular Tachycardia and Ventricular Fibrillation.	April 2023	Remember
19	Define Prolonged PR interval.	April 2024	Remember
20	Enumerate types of Heart Block.	April 2024	Remember
21	Define Mobitz Type I and II Block.	February 2017	Remember
22	What is Complete Heart Block? Mention ECG findings.	February 2019, April 2023	Remember
23	Define Defibrillator.	April 2024	Remember
24	Differentiate Monophasic and Biphasic Shock.	February 2022, April 2024	Understand
25	List the indications for Cardioversion.	September 2022, April 2024	Remember