

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Allied Health Sciences</b> <b>Back Paper Examination Even Semester (Non - Graduating Batches) – June 2024</b> <b>[Programme: B.Sc Cardiovascular Technology ] (Semester: IV )</b> <b>[Batch: 1]</b>				
Course Title: <b>Basic Electrocardiography-II</b>		Max Marks: <b>100</b>		
Course Code: <b>BCVT4002</b>		Time: <b>3 Hrs.</b>		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
1.	Define Electrocardiography.	K1	1	5
2.	Explain the conduction system of heart.	K2	2	5
3.	Classify the different types of ECG leads and tell their placement.	K2	3	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
4.	List the causes of Left, Right and Extreme axis deviation.	K1	4	10
5.	Apply the knowledge of ECG and tell about P wave and its abnormalities.	K3	5	10
6.	List the causes of sinus bradycardia and sinus tachycardia and tell the formula for calculating heart rate.	K4	1	10
7.	Survey about QRS complex in details and tell about the causes of wide and narrow QRS complex.	K4	2	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
8.	List the causes of PR interval changes and draw the ECG for 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> degree heart block .	K4	3	15
9.	Explain about hypokalemia and hyperkalemia in details.	K5	4	15
10	Conclude about Myocardial Infarction changes in ECG leads and tell causes of ST segment elevation and depression.	K5	5	15