

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Medical and Allied health Backlog Examination, June 2023 [Programme: Bachelor of Cardiovascular Technology] [Semester: 4th] [Batch: I]				
Course Title: MEDICAL ELECTRONICS BIOPHYSICS AND COMPUTER USAGE RELEVANT TOCARDIAC TECHNOLOGY-II Course Code: BCVT 4001			Max Marks: 100 Time: 3 Hrs.	
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	Cos	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	Name the 6 parts of Doppler.	K1	CO1	5
2.	Describe the EKG.	K1	CO2	5
3.	Relate the uses x-ray tube.	K1	CO3	5
SECTION-B (40 Marks)		10 Marks each		
4.	Interpret the USG & its uses in cardiology.	K2	CO1	10
5.	Select the uses ECG machine & its different parts.	K3	CO2	10
6.	Select the uses CRT.	K3	CO3	10
7.	Analyze the 12leads of ecg. OR Analyze the cardiac conduction system	K4	CO2	10
SECTION-C (45 Marks)		15 Marks each		
8.	Analyze the 5 medical discoveries and its physical properties.	K4	CO1	15
9.	Analyze the radiation protection.	K4	CO2	15
10	Analyze the computer used in healthcare department. OR Analyze the computer used in ICU	K4	CO3	15