

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**PARUL UNIVERSITY**  
**DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES**  
**B.Sc. Med. Sci. March – 2023 Examination.**

**Year: 3**

**Date: 29/03/2023**

**Subject Code: 19103306**

**Time: 10:00am to 10:45am**

**Subject Name: CR MOD -3 Cardiac Care Technology  
-Advanced**

**Total Marks: 30**

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**Instructions:**

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

<b>Q.1: Definition (any 5 out of 6)</b>	<b>(Each 1 Mark)</b>	<b>05 marks</b>
<ul style="list-style-type: none"><li>(i) Define IBP</li><li>(ii) Types of Cardioversion</li><li>(iii) Names of protocols in TMT</li><li>(iv) limb lead placement in TMT</li><li>(v) ECG in hypokalemia</li><li>(vi) Define Holter Monitoring</li></ul>		
<b>Q.2: Short question (any 5 out of 6)</b>	<b>(Each 2 Mark)</b>	<b>10 marks</b>
<ul style="list-style-type: none"><li>(i) Define hemiblocks</li><li>(ii) Types of pacemaker</li><li>(iii) Types of WPW syndrome</li><li>(iv) Differentiate between temporary pacemaker and permanent pacemaker</li><li>(v) CHD classification</li><li>(vi) Diagrams of echo apical views</li></ul>		
<b>Q.3: Long question (any 3 out of 4)</b>	<b>(Each 5 Mark)</b>	<b>15 marks</b>
<ul style="list-style-type: none"><li>(i) Details about CAG procedure</li><li>(ii) Describe about ACLS protocol and Defibrillator</li><li>(iii) Describe about the pulmonary angiography Procedure</li><li>(iv) Discuss about Cardiac arrest</li></ul>		