

School of Medical and Allied Sciences**B.Sc Cardiovascular Technology
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem II - L1UC205T - Medical Electronics Biophysics and Computer Usage Relevant to Cardiac
Technology***General Instructions**Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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| 1) | Define the term AED. | K1(2) |
| 2) | Demonstrate the uses of PET scan. | K2(4) |
| 3) | Summarize and explain the Boyle's Law. | K2(6) |
| 4) | Organize the procedure of defibrillator. | K3(9) |
| 5) | Organize the steps of cardiac action potential . | K3(9) |
| 6) | Justify the term personal protection of radiation. | K5(10) |
| 7) | Categorize the structure of Coronal view CT. | K4(12) |
| 8) | Evaluate the term basic emergency kit. | K5(15) |
| 9) | Evaluate the different procedure of Computed tomography (CT) Chest. | K5(15) |
| 10) | Discuss fluoroscopy equipment. | K6(18) |