

School of Medical and Allied Sciences

**B.Sc Cardiovascular Technology
Semester End Examination - Jun 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem VI - BCVT6002 - Cardiac Catheterization Laboratory Advanced*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) | What is carbon dioxide angiography ? | K1(2) |
| 2) | Illustrate the catheters are commonly used in thrombolysis procedures? | K2(4) |
| 3) | Interpret the patient screening and other preparation that are done to avoid contrast induced nephropathy? | K2(6) |
| 4) | Develop the measures for slow flow or no flow managed during PTCA? | K3(9) |
| 5) | Develop the role catheters play in mapping cardiac electrical activity? | K3(9) |
| 6) | Evaluate the features of transcatheter aortic valve replacement different from traditional valve replacement surgery? | K5(10) |
| 7) | Simplify the importance of keeping the patient records? | K4(12) |
| 8) | Interpret the procedure of IABP. | K5(15) |
| 9) | Interpret the benefit and disadvantages associated with temporary and permanent pacemakers ? | K5(15) |
| 10) | Modify the features, benefits and risks associated with PTCA? | K6(18) |