

School of Medical and Allied Sciences**B.Sc Cardiovascular Technology
Semester End Examination - Jul 2024****Duration : 180 Minutes
Max Marks : 100****Sem V - BCVT5007 - Cardiac catheterization laboratory basics***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 are the indications for ventriculography? | K1(2) |
| 2) | Illustrate the procedure of coronary angiography. | K2(4) |
| 3) | Interpret the mechanism of Ficks principle. | K2(6) |
| 4) | Develop the features of Oximetry method | K3(9) |
| 5) | Develop the features of transplantation of heart. | K3(9) |
| 6) | Evaluate the features of injection rate and volume in ventriculography. | K5(10) |
| 7) | Simplify the procedure of oximetry method. | K4(12) |
| 8) | Interpret the recent advancement in cardiac catheterization lab. | K5(15) |
| 9) | Interpret the pitfalls of the Ficks principle. | K5(15) |
| 10) | Modify the classification of various types of contrast agents used in coronary angiography. | K6(18) |