

School of Medical and Allied Sciences

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

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

Sem VI - BCVT6006 - Echocardiography*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 features of cardiac tamponade? | K1(2) |
| 2) | Illustrate the uses of pulse wave doppler? | K2(4) |
| 3) | Interpret the various components of PSAX view. | K2(6) |
| 4) | Develop the characteristic echocardiographic features of left atrial myxoma? | K3(9) |
| 5) | Develop the role of transesophageal echocardiography in the diagnosis of congenital heart defects? | K3(9) |
| 6) | Evaluate the echocardiographic signs suggest aortic stenosis? | K5(10) |
| 7) | Simplify the advantages does transesophageal echocardiography offer over transthoracic echocardiography in diagnosing congenital heart defects? | K4(12) |
| 8) | Interpret the utilization of echocardiography in the assessment of prosthetic heart valves? | K5(15) |
| 9) | Interpret the features are examined during echocardiographic assessment of mitral stenosis severity? | K5(15) |
| 10) | Modify the features of Ventricular septal defect and Echo findings. | K6(18) |