

### III INTERNAL EXAMINATION

#### PT CARDIOLOGY

##### Section A (Long Essays)

( 2 × 15 = 30 marks)

1. Define ischemic heart disease. Explain its etiology, pathogenesis, clinical features, complications, conservative and surgical management.
2. Describe the principles of cardiovascular stress testing and discuss surgical conditions requiring post-surgical physiotherapy, including open heart surgery, closed heart surgery, CABG, and PTCA.

##### Section B (Short Notes)

(10 × 5 = 50 marks)

1. Explain myocardial infarction: etiology, clinical features, and management.
2. Discuss heart failure: pathogenesis and complications.
3. Write a note on cardiac arrest and its management.
4. Describe rheumatic fever: etiology and conservative management.
5. Explain hypertension: clinical features and complications.
6. Discuss infective endocarditis and myocarditis.
7. Write about cardiomyopathy.
8. Describe thoracotomy and median sternotomy.
9. Explain heart-lung machine and angioplasty.
10. Discuss conditions requiring closed heart surgery, such as mitral stenosis and PDA.

##### Section C (Very Short Answers)

(10 × 2 = 20 marks)

1. Define valvotomy.
2. What is COA?
3. Name two conditions requiring open heart surgery.
4. Define ASD.
5. What is VSD?
6. Mention two complications of ischemic heart disease.
7. Define TOF.
8. What is TPGV?
9. Name two valvular conditions.
10. Define MS and MR.