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Registration no:

Total Number of Pages: 01

SUBJECT NAME: Cardiology

Course: BPT

SUB_CODE: 23ABP403

4th Semester Examination 2023 Batch

BRANCH: Allied Sciences

Q. CODE: A527

Max Time: 1 ½ Hours

Max Marks: 40

Sitting: 1st 8.00 AM to 9.30 AM

All Questions are compulsory. Illustrate answer with diagrams wherever relevant / required

The figures in the right-hand margin indicate marks.

- Q 1 Long Answer Question (Answer any one out of two)** (1 X 10 marks)
- a) Explain in detail the clinical features, diagnosis, medical management of myocardial infarction.
 - b) Classify hypertension. Management of moderate to severe hypertension.
- Q 2 Long Answer (Answer any one out of two)** (1 X 10 marks)
- a) What is Basic life support? Explain the steps of BLS.
 - b) Describe the effect of exercise on renal blood flow.
- Q3 Short Answer Questions (Focused)** (3 x 5 marks)
- a) Postural drainage
 - b) Pulmonary function test
 - c) Infective Endocarditis
- Q 4 Objective Type (Selection / Supplied)** (1 x 5 marks)
- a) The natural resting heart rate generated by the SA node is between _____ beats per minute.
 - b) The heart muscle itself receives its blood supply through the _____.
 - c) The closure of the atrioventricular valves (mitral and tricuspid) corresponds to the _____ heart sound.
 - d) In an ECG, the PR interval represents the time taken for the electrical impulse to travel from the _____ node to the _____ node (and ventricles).
 - e) The volume of blood pumped by the heart per minute, calculated as Heart Rate x _____

NA
06/06/26