

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc. Med. Sci. Examination April-2022-23

Year: 3

Subject Code: 19103302

Subject Name: Cardiology II

Date: 13/04/2023

Time: 10:00 am to 1:00 pm

Total Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1(A): Answer the following questions in details (2 out of 3) (Each worth 7.5 marks) 15 marks**
- (i) Explain in details about cardities
 - (ii) Describe in detail mitral valve stenosis & regurgitation echo
 - (iii) Discuss about peripheral vascular disease
- Q.1(B): Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
- (i) Define CPR with ratio
 - (ii) Anatomy of mitral valve
 - (iii) State OPA and NPA
 - (iv) Tricuspid atresia
 - (v) Trop I
 - (vi) IABP
 - (vii) State FFR
- Q.2(A): Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15 marks**
- (i) Explain in detail about hemiblocks
 - (ii) Short note on heart transplant
 - (iii) Explain about valvular surgery
 - (iv) Describe ACS
 - (v) Discuss about Stress echo procedure
- Q.2(B): Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
- (i) Define anaemia
 - (ii) Define COPD
 - (iii) Pulmonary embolism
 - (iv) Coarctation of aorta
 - (v) TEE
 - (vi) LBBB and RBBB
 - (vii) Types of tachycardia
- Q.3: Write a detailed note on the following (2 out of 3) (Each worth 7.5 marks) 15 marks**
- (i) Describe about TGA
 - (ii) Discuss about Aortic CHD
 - (iii) Explain in detail about AV blocks
- Q.4: Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15 marks**
- (i) Describe about LBBB and RBBB
 - (ii) Classification of cardiac disorders
 - (iii) Explain in detail diuretics
 - (iv) Hemodynamic monitoring
 - (v) Types of cannula with their size and procedure of insertion