

Question Paper

Exam Date & Time: 27-Jan-2023 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. PERFUSION TECHNOLOGY DEGREE EXAMINATION - JANUARY 2023

SUBJECT: PFT5101- CARDIOLOGY

(2021 SCHEME)

Answer ALL questions.

Draw diagrams wherever appropriate.

Marks: 50

Duration: 120 mins.

- | | | |
|-----|---|------|
| 1) | Explain in detail about coronary artery disease and its management | (20) |
| 2A) | Explain about mitral valve diseases in detail | (10) |
| 2B) | Define congenital heart disease. Classify and explain ANY TWO in detail.
(1+1+4+4 = 10 marks) | (10) |
| 3A) | Explain about various cardiac disorders affecting rate, rhythm and conduction system of the heart | (5) |
| 3B) | Explain the pathophysiology, diagnosis and management of TGA
(2+1+2 = 5 marks) | (5) |

-----End-----

Question Paper

Exam Date & Time: 25-Jan-2023 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. PERFUSION TECHNOLOGY DEGREE EXAMINATION - JANUARY 2023

SUBJECT: PFT5102- CARDIAC SURGERY

(2021 SCHEME)

Answer ALL questions.

Draw Diagrams wherever appropriate.

Marks: 50

Duration: 120 mins.

- | | | |
|-----|---|------|
| 1) | Define valvular heart diseases. Describe in detail about the etiology, pathophysiology, complications and management of mitral stenosis and aortic stenosis
(10+10 = 20 marks) | (20) |
| 2A) | Explain the pathophysiology and management of ischemic heart diseases | (10) |
| 2B) | Explain the etiology, pathophysiology, complications and management of thoracic aortic diseases
(2+3+2+3 = 10 marks) | (10) |
| 3A) | Explain about various general complications involved in cardiac surgery | (5) |
| 3B) | Explain the types and management of TGA | (5) |

-----End-----