

Question Paper

Exam Date & Time: 01-Sep-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER M.Sc. CARDIAC CATHETERIZATION AND INTERVENTIONAL TECHNOLOGY DEGREE
EXAMINATION - SEPTEMBER 2022

SUBJECT: CCI 5201 - CARDIAC CATH AND INTERVENTION IN IHD AND VHD
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Discuss the assessment of cardiac function by ventriculography in terms of wall motion, ventricular volumes, Mass, systolic and diastolic functions. (20)
- 2) Explain the various types of interventional complications during percutaneous procedures and discuss its management strategies. (20)
- 3A) Discuss the pathogenesis and pathophysiology of semilunar valve diseases. (10)
- 3B) Discuss the indication, contraindication, complications of Balloon Mitral Valvuloplasty. (10)
- 3C) Give the classification of cardiac valves and explain the pathogenesis and pathophysiology of endocarditis. (10)
- 3D) Discuss the standard angiographic views in understanding the coronary anatomy. (10)
- 4A) Add a note on syntax scoring system for coronary lesion assessment. (5)
- 4B) Discuss the emergency drugs used during primary PCI. (5)
- 4C) Define myocardial blush grades. (5)
- 4D) Add a note on TIMI risk Stratification for NSTEMI. (5)

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