

BACHELOR OF SCIENCE (CARDIOVASCULAR TECHNOLOGY) (CBCS - 2020 COURSE)
B. Sc. (Cardiovascular Technology) Sem - V : WINTER- 2022
SUBJECT : CARDIAC CATHETERIZATION LABORATORY ADVANCED-II

Day : Tuesday

Time : 10:00 AM-12:00 PM

Date : 24-01-2023

W-23368-2022

Max. Marks : 20

N.B.

- 1) There are three sections as
Section – A = Objective Type questions - 20 marks.
Section – B = Long Answer questions - 20 marks.
Section – C = Short Answer questions - 20 marks.
- 2) Section - A is given in **SEPARATE** sheet and has to be answered on same sheet. This sheet should be completed with the first 20 minutes of starting of the examination. This sheet with Section A only will be collected by Supervisor.
- 3) Section - B has four long questions and **ANY TWO** questions have to be answered.
- 4) Section - C has six short questions and **ANY FOUR** questions have to be answered.
- 5) You have to make \surd such kind of mark in the box of the appropriate answers.

Seat No. : _____

SECTION - A

M.C.Q's

(20)

- 1 The preferred media in IABP is:
 - a) Oxygen
 - b) Carbon dioxide
 - c) Helium
 - d) Nitrogen
- 2 The decapolar catheter in EP study is placed in:
 - a) RT. Atrium
 - b) Coronary sinus
 - c) SVC
 - d) Left ventricle
- 3 Which catheter is not used in peripheral angiography?
 - a) C 1
 - b) MPA
 - c) Judkins right
 - d) Judkins left
- 4 Cover stents are used for:
 - a) To close the aneurysm
 - b) To close the perforation
 - c) To close the unnecessary branches of coronaries
 - d) To close the fistula in coronary

P.T.O.

- 5 In EP study ablation catheters having:
- a) 10 poles
 - b) 4 poles
 - c) Single pole
 - d) None of the above
- 6 The drug used for arrhythmia in an EP study is :
- a) Isoprenaline
 - b) Diltiazem
 - c) Nitroglycerine
 - d) Adenosine
- 7 The rhythm in Atrial fibrillation is:
- a) Regularly irregular
 - b) Irregularly irregular
 - c) Irregularly regular
 - d) Regularly regular
- 8 Full form of PACS:
- a) Picture archiving & communication system
 - b) Photo archiving & communication system
 - c) Pixel archiving & communication system
 - d) Part archiving & communication system
- 9 Drugs used in thrombolysis are all except:
- a) TPA
 - b) STK
 - c) Urokinase
 - d) Heparin
- 10 The phase in which IBPA inflates
- a) Systole
 - b) Diastole
 - c) Asystole
 - d) None of the above

Total marks obtained : _____

Signature of Invigilator : _____

Signature of Examiner : _____

BACHELOR OF SCIENCE (CARDIOVASCULAR TECHNOLOGY) (CBCS - 2020 COURSE)
B. Sc. (Cardiovascular Technology) Sem - V : WINTER- 2022
SUBJECT : CARDIAC CATHETERIZATION LABORATORY ADVANCED-II

Day : Tuesday
Date : 24-01-2023

W-23368-2022

Time : 10:00 AM-12:00 PM
Max. Marks : 40

N.B.

- 1) There are three sections as
Section – A = Objective Type questions - 20 marks.
Section – B = Long Answer questions - 20 marks.
Section – C = Short Answer questions - 20 marks.
 - 2) Section - B has three long questions and **ANY TWO** questions have to be answered.
 - 3) Section - C has six short questions and **ANY FOUR** questions have to be answered.
 - 4) Answer to both the sections should be written in **SAME** answer book.
-

SECTION – B

Long answer (Attempt **ANY TWO**) (20)

- 1) Indications & procedure details & complications in patients on IABP (INTRA AORTIC BALLOON PUMP)
- 2) Write indications & Procedure – Pre - procedure care & intraoperative steps in patient of permanent pacemaker implantation?
- 3) Indications & uses of IUC filters?

SECTION – C

Short answer (Attempt **ANY FOUR**) (20)

- 1) Write note on TPI.
- 2) Write note on mechanical thrombectomy material used.
- 3) Thrombus Aspiration System – Coronary, Peripheral.
- 4) Write note on EP Study & RFA.
- 5) Catheter used during DSA.
- 6) Note on Techniques of thrombolysis-drugs & catheter used.

10