

BACHELOR OF SCIENCE (CARDIOVASCULAR TECHNOLOGY) (CBCS - 2020 COURSE)

B. Sc. (Cardiovascular Technology) Sem - V : WINTER- 2022

SUBJECT : CARDIAC CATHETERIZATION LABORATORY BASICS-I

Day : Friday

Time : 10:00 AM-12:00 PM

Date : 20-01-2023

W-23365-2022

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 During spillage management how much hypochlorite used to clean the spillage area?
 - a) 10%
 - b) 0.1%
 - c) 0.5%
 - d) 1%
- 2 During coronary intervention, catheter is obstructing the vessel flow and pressure wave form shows no or low wave flow is called?
 - a) Damping
 - b) Wedge
 - c) Hypotension
 - d) None of the above
- 3 During spillage management how much hypochlorite used to clean the spillage area?
 - a) 10%
 - b) 0.1%
 - c) 0.5%
 - d) 1%
- 4 During coronary intervention, catheter is obstructing the vessel flow and pressure wave form shows no or low wave flow is called?
 - a) Damping
 - b) Wedge
 - c) Hypotension
 - d) None of the above

P.T.O.

- 5 Which of the following catheter not used for tibial angiography
- a) Sim 1
 - b) No torque
 - c) C1
 - d) JR
- 6 Dilution of chemical cydizime used to clean the catheters is:
- a) 4ml/liter
 - b) 5ml/liter
 - c) 10ml/liter
 - d) None of the above
- 7 Dilution of chemical cydizime used to clean the catheters is:
- a) 4ml/liter
 - b) 5ml/liter
 - c) 10ml/liter
 - d) None of the above
- 8 Choose incorrect sentence regarding IVC filters
- a) IVC filter place in IVC just below the renal vein
 - b) IVC filter protect the SVC from enter the dislodge clot from IVC
 - c) IVC filter protects lung
 - d) IVC filter can insert through IVC as well as femoral vein
- 9 Which grade of thrombus suggest that there is complete thrombotic occlusion?
- a) Grade V
 - b) Grade II
 - c) Grade 0
 - d) Grade III
- 10 Which of the following catheter not used for tibial angiography
- a) Sim 1
 - b) No torque
 - c) C1
 - d) JR

Total marks obtained : _____

Signature of Invigilator : _____

Signature of Examiner : _____

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SUBJECT : CARDIAC CATHETERIZATION LABORATORY BASICS-I

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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.
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SECTION – B

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

- 1) Write about setting of cardiac catheterization laboratory for diagnostic study?
- 2) Describe various types of catheter and its uses?
- 3) Write about catheter cleaning and packing.

SECTION – C

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

- 1) Techniques of catheter sterilization?
- 2) Write normal intracardiac pressure?
- 3) Write note on pressure recording system?
- 4) Note on image intensifier.
- 5) Write difference between diagnostic and therapeutic catheter?
- 6) Write on damping, ventricularization?
