

BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY)(CBCS-2019 COURSE)
B.Sc. (R&IM) Sem-V : WINTER- 2022
SUBJECT : PRINCIPLES OF INTERVENTION

Day : Monday

Time : 10:00 AM-12:00 PM

Date : 6/2/2023

W-22537-2022

Max. Marks : 40

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- 1) There are Three sections as follows:

Section- A - Objective Type Questions	20 Marks
Section- B - Long Answer Questions	20 Marks
Section- C- Short Answer Question	20 Marks
 - 2) Section B has four long questions and ANY TWO have to be answered.
 - 3) Section C has six short questions and ANY FOUR have to be answered.
 - 4) Answer to both sections B and C should be written in same answer book.
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SECTION – B

Answer ANY TWO out of FOUR questions (10 x 2= 20)

1. Write in detail about fluoroscopy machine about image intensifiers.
2. Write in detail about medical asepsis.
3. Write in detail about about hospital waste disposal
4. What are the basic protocols to be followed while handling patient movement through the Radiology and Intervention Radiology Department?

SECTION – C

Answer ANY FOUR out of SIX questions (5 x 4= 20)

1. What is : 1. Sanitisation, 2. Disinfection and 3. Sterilisation.
 2. Write in short about safe practices with sharp.
 3. Write in short about action following a needlestick injury.
 4. Write in short about universal work precaution.
 5. Write a short note on patient cleaning, draping and positioning.
 6. Write a short note on basic trolley preparation before Interventional Radiology procedure.
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Section- C- Short Answer Question 20 Marks
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 - 4) Answer Section A in the sheet provided and submit the sheet after answering.
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SECTION – A

Multiple Choice questions have been provided. Tick the single best answer. (10 x 2 =20)

1. Washing hand is most important procedure for ?
 - a) Cleaning the hand.
 - b) Breaking the cycle of infection.
 - c) Cleaning an open skin lesion.
 - d) Skin care.
2. The process in which all living cells, spores and viruses are completely destroyed from an object is called
 - a) Disinfection
 - b) Pasteurization
 - c) Sterilization
 - d) Antisepsis
3. Name the sterilization agent that is most frequently used in hospitals and clinical laboratories for the heat labile liquid substances or antibiotics
 - a) Dry heat
 - b) Radiation
 - c) Filtration
 - d) Formaldehyde
4. All of the following chemical disinfectants used in laboratories and healthcare industries have been found to be effective against many bacteria, fungi, and viruses, Except?
 - a) Alcohols
 - b) Ethylene oxide
 - c) Formaldehyde
 - d) Steam heat

PTO

5. atomic number of Iodine is ?
a) 53
b) 54
c) 55
d) 56
6. Which of the following is considered as the most important aspect of hand washing ?
a) soap
b) water
c) friction
d) Time
7. Importance of hand washing
a) Patient satisfaction
b) Prevention of infection
c) Physician satisfaction
d) All of the above
8. When a nurse is performing a surgical hand hygiene. She must keep:
a) Below elbow
b) At 45 degree angle
c) Above elbows
d) In a comfortable position
9. The process in which all living cells, spores and viruses are completely destroyed from an object is called:
a) Disinfection
b) Pasteurization
c) Sterilization
d) Antisepsis
10. ____ is the process where all the living micro-organisms, including bacterial spores are killed.
a) Disinfection
b) Sterilization
c) Incineration
d) Pyrolysis

Total Marks Obtained: _____

Signature of Invigilator:

Signature of Examiner:
