

Question Paper

Maximum Marks:100

Duration 3 hours

Module: Organisation & Management of Support Services.

Q1. Write short notes on any 8. (Each carries 7 marks)

Total Marks 56

1. Quality Assurance of a Blood Bank.
2. Radiation Hazards & Radiation Safety Measures
3. Quality Assurance program of Laboratory Services.
4. Layout & Design of a Nuclear Medicine department keeping in mind the safety aspects.
5. Process flow of CSSD Department. (Make a pictorial Diagram too)
6. Structural Requirements of an Imaging Department.
7. List out requirements for a Rehabilitation Department.
8. Functions of a Medical Record Department.
9. Process flow of a patient advised a CT Scan.
10. List all process Quality indicators for Departments of CSSD, Pharmacy, & X Ray department.

Q 2. Pick the correct answer. (Do all. Each carries 2 mark)

Total Marks 44

MCQs

1. In Nuclear Medicine, area with dangerous radiation intensity is
 - a. Patient support area
 - b. Hot area
 - c. Diagnostic area
 - d. None of the above
2. As per Medical council of India guidelines all medical records must be retained for a minimum period of
 - a. 10 years
 - b. 5 years
 - c. 3 years
 - d. Life time
3. Which is not a type of Radiotherapy?
 - a. Brachy therapy
 - b. Tele therapy
 - c. Tachy therapy
 - d. Ortho voltage therapy
4. The Test performed to validate machine autoclaving is:
 - a. Chemical indicator Test
 - b. Settle plate method test
 - c. Bowie Dick Test
 - d. None of the above
5. NBTC stands for
 - a. National Blood Transfusion Council
 - b. National Blood Transfusion Centre
 - c. National Blood Transport Centre
 - d. National Blood Transfusion Control
6. Quality assurance of a Blood bank is determined by:
 - (a) The number of blood units donated
 - (b) The accuracy of blood tested
 - (c) Monitoring post transfusion reactions

(d) None of the above.

7. The sequence of steps in the blood donation process are :-

- (a) Refreshment ,Registration ,Health History, Donation
- (b) Registration ,Health History, Donation, Refreshment
- (c) Donation , Refreshment, Health History, Registration
- (d) Health History, Donation, Registration, Refreshment

8. The X ray tube should never point towards:-

- (a) The Control Room
- (b) The Dark Room
- (c) Any Window or Door
- (d) All the above

9. The following aspects take care of proper CSSD planning.

- (a) Zoning
- (b) Asepsis
- (c) Ventilation
- (d) All of the above

10. Use of Gamma Camera is done in the following department:-

- (a) Nuclear Medicine
- (b) Radiology
- (c) Laboratory
- (d) All the above

11. ISO Standards for laboratory is:-

- (a) 15179
- (b) 15180
- (c) 15189
- (d) 15188

12. The correct sequence of workflow of CSSD would be:-

- (a) Issue area---Clean area---Dirty area---Sterile area
- (b) Dirty area---Clean area---Sterile area---Issue area
- (c) Clean area---Issue area---Dirty area---Sterile area
- (d) Sterile area---Issue area---Clean area---Dirty area

13. Radiation safety for personnel is checked by

- (a) Top Management
- (b) Radiologist
- (c) Monitoring of TLD badges
- (d) None of the above

14. The shelf life of linen packed in a cloth would be :-

- (a) 72 hours
- (b) 96 hours

- (c) 24 hours
- (d) 7 days

15. TLD stands for:-

- (a) Thermo luminescent device
- (b) Thermo luminescent dosimeter
- (c) Thermal light device
- (d) None of the above

16. Confidentiality of medical records is responsibility of

- (a) Nurse Incharge
- (b) Doctor incharge
- (c) Management of the hospital
- (d) All of the above

17. Bacteriological validation of sterilized load is done by

- a) Temperature control
- b) Incubation of spores of bacillus stearothermophilus
- c) Pressure control
- d) Temperature control & Pressure control

18. Design of radiography rooms need to be passed by

- a) AERB
- b) National Building Code
- c) BIS
- d) PWD

19. Blood bank should be located in the near vicinity of

- (a) OT
- (b) OPD
- (c) Emergency services
- (d) All of the above

20. Sterilization activities of the hospital can be effectively controlled by

- (a) Provision of CSSD
- (b) OT Matron
- (c) Surgeon incharge
- (d) Management

21. The Quality Assurance level in a lab is

- (a) Pre Analytical
- (b) Analytical
- (c) Post Analytical
- (d) All the above.

22. Radiation Hazards is associated with all except

- (a) X Ray
- (b) MRI
- (c) Nuclear isotopes
- (d) CT scan