

Question paper

Maximum Marks:70

Duration 3 hours

Module: Organisation & Management of Support Services.

Q1. Write short notes on any 8. (Each carries 6 marks) Total Marks 48

1. Quality Assurance program of Imaging Department.
2. Layout & Design of a CSSD.
3. Process flow of Blood Bank. (Make a pictorial Diagram too)
4. Structural Requirements of a Nuclear Medicine Department.
5. Drug Distribution Systems.
6. What is the importance of a Medical Record Department?
7. Quality Assurance of a Pathology Lab.
8. Role of a Radiation Safety Officer & Radiation Safety Measures
9. Process flow of a patient advised an MRI Scan.
10. List all Quality indicators for Departments of Rehabilitation and MRD.

Q 2. Pick the correct answer. (Do all. Each carries 1 mark) Total Marks 22

MCQs

1. 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
2. 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
3. In Nuclear Medicine, area with dangerous radiation intensity is
 - a. Patient support area
 - b. Hot area
 - c. Diagnostic area
 - d. None of the above
4. NBTC stands for
 - a. National Blood Transfusion Council
 - b. National Blood Transfusion Centre
 - c. National Blood Transport Centre
 - d. National Blood Transfusion Control
5. 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.
6. 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
- 7. Which is not a type of Radiotherapy?
 - a. Brachy therapy
 - b. Tele therapy
 - c. Tachy therapy
 - d. Ortho voltage therapy
- 8. The chest stand in an X ray room should be placed:-
 - a. In the direction of the primary beam
 - b. Near the Dark Room
 - c. Near any Window or Door
 - d. All the above
- 9. The following aspects take care of proper planning of a Sterilization Department.
 - a. Zoning
 - b. Asepsis
 - c. Ventilation
 - d. All of the above
- 10. Use of Gamma Knife 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. 24hours
 - b. 96 hours
 - c. 12 hours
 - d. None of the above

15. TLD stands for:-
- Thermo luminescent device
 - Thermal light device
 - Thermo luminescent dosimeter
 - None of the above
16. Confidentiality of medical records is responsibility of
- Nurse Incharge
 - Doctor incharge
 - Either a. or b.
 - Both a and b.
17. Incubation of spores of bacillus stearothermophilus is a test for
- Temperature control
 - Pressure control
 - Temperature control & Pressure control
 - Bacteriological validation of sterilized load
18. Design of Imaging Department need to be passed by
- AERB
 - National Building Code
 - BIS
 - PWD
19. Blood bank should be located in the near vicinity of
- OT
 - OPD
 - Emergency services
 - All of the above
- 20 The Quality Assurance level in a lab is
- Pre Analytical
 - Analytical
 - Post Analytical
 - All the above.
21. Sterilization activities of the hospital can be effectively controlled by
- Provision of CSSD
 - OT Matron
 - Surgeon incharge
 - Management
22. Radiation Hazards is associated with all except
- X Ray
 - MRI
 - Nuclear isotopes
 - CT scan