

**International Institute of Health Management Research**  
**Organisation & Management of Support Services**  
**Term Exam: August 2017**  
**2016-18 Set I**

**Maximum Marks:70**

**Duration: 3 hours**

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

1. Quality Assurance program of Laboratory Services.
2. Layout & Design of a Nuclear Medicine department keeping in mind the safety aspects.
3. Process flow of CSSD Department. ( Make a pictorial Diagram too)
4. Structural Requirements of an Imaging Department.
5. List out requirements for a Rehabilitation Department.
6. Functions of a Medical Record Department.
7. Quality Assurance of a Blood Bank.
8. Radiation Hazards & Radiation Safety Measures
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 1 mark)    Total Marks 22

**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