

# Rajiv Gandhi University of Health Sciences

## II Year M. Sc Medical Imaging Technology - OCT-2019

[Time: 3 Hours]

[Max. Marks: 80]

### Care of Patients in Diagnostic Radiology

#### Q.P. CODE: 9547

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

#### LONG ESSAY (Answer Any Two)

**2 X 10 = 20 Marks**

1. Write the management of adverse reaction of contrast and emergency drugs used in department.
2. What is medico-legal cases. Write the legal responsibility of imaging technologist.
3. Write the various responsibility of an imaging technologist in patient care.

#### SHORT ESSAY (Answer Any Eight)

**8 X 5 = 40 Marks**

4. Write the hospital acquiring infection.
5. Disposal of sharp needle add note on needle stick injury.
6. Write the possibility of projectile injuries in MRI.
7. Write about the isolation technique.
8. Write the transmission modes of infection.
9. Write the short note on PCPNDT act.
10. Write about counseling, education and convincing the patient.
11. What are three methods of reducing a patient exposure to ionizing radiation?
12. Pre and post care of patient during interventional procedures.
13. Write a short note on patient preparation for MRI.

#### SHORT ANSWERS (Answer Any Ten)

**10 X 2 = 20 Marks**

14. Hypovolemic shock.
15. Restraint techniques.
16. Respiratory distress.
17. Crash cart.
18. Three methods of moving the patient.
19. Psychological consideration.
20. Effective patient communication.
21. Medical malpractice.
22. Medico-legal cases.
23. Informed consent.
24. Defibrillation.
25. What is to be done to the used needle and syringes?

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