

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

M.Sc. (Radiology & Imaging Technology) (Sem.-1)
RADIOGRAPHIC PROCEDURES & PRINCIPLES OF
RADIOGRAPHIC EXPOSURE

Subject Code : MRIT 101-21

M.Code : 91374

Date of Examination : 14-01-23

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains EIGHT questions carrying FIVE marks each and students have to attempt any SIX questions.**
3. **SECTION-C will comprise of two compulsory questions with internal choice in both these questions. Each question carries TEN marks.**

SECTION-A

- 1. Write a brief note on the following :**

- a) Macro radiography.
- b) ICRP
- c) Fallopian tube Recanalisation
- d) Dental Radiography.
- e) Photographic Emulsions.
- f) Film Processing
- g) Opacity
- h) Radiographic Image
- i) Film Processing
- j) HSG.

SECTION-B

2. Explain Cystourethrogram and Ascending Urethrogram.
3. Explain Radiographic projection of upper limb and lower limb.
4. Discuss the techniques of Magnification/Distortion.
5. Write a brief note on Radiographic image and density.
6. Discuss comparison of emulsions by their characteristic curve.
7. Elaborate Radiographic mottle.
8. Write a short note on speed and contrast of photographic materials.
9. Discuss the management of Radiographic image quality.

SECTION-C

10. Discuss in detail the Photographic Process.

OR

Write a brief note on Mammography.

11. Discuss the various phenomenon related to Radiology.

OR

Discuss the principles and procedures of Radiographic exposure.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.