

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

B.Sc (R&IT) (Sem.-2)

RADIOGRAPHY PHOTOGRAPHY-II

Subject Code : BRIT-203-21

M.Code : 91926

Date of Examination:17-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **EIGHT** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FOUR** 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. **Define the following:**
 - a) Define Viewing boxes.
 - b) What is magnifier?
 - c) What is viewing condition?
 - d) What are cassette hatches?
 - e) Write a short note on Dark Room.
 - f) What is distortion?
 - g) What is meant by fluorography film?
 - h) Define CRT cameras.

SECTION-B

2. Write a note on Identification markers and orientation and Documentary preparation.
3. What are common film faults due to manufacturing as well as due to chemical processing?

4. Discuss Sensitometric response of fluorography film.
5. Explain in detail preparation of solutions and making stock solution.
6. Describe dark room equipment and its layout.
7. Briefly explain Un-sharpness in the Radiographic image and various factors contributing towards un-sharpness.
8. Write a note on dry silver imaging and light imaging and their recording.
9. Discuss techniques and applications of Subtraction in Radiography.

SECTION-C

10. Explain Cine fluorography, cine film and derail cameras.

OR

Explain Processing of cine films, flurographic films.

11. Discuss various types of entry: Door design and Dark room illuminations.

OR

Discuss various types of entry: White light and safe lighting.

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.