

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

B.Sc. (Radiology and Imaging Technology) (Sem.-2)

RADIOGRAPHY GRAPHIC PHOTOGRAPHY-II

Subject Code : BRIT-203-21

M.Code : 91926

Date of Examination : 08-07-22

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 SIX marks each and students have to attempt any FOUR 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. a) Define door design.
b) What is Radiographic image?
c) What is motional?
d) What are Video imagers?
e) Write a short note on Identification markers.
f) What is Radiograph?
g) What is meant by Xero-Radiography?
h) Define Substraction.

SECTION-B

2. Explain location of pass through boxes or cassette hatches.
3. What are viewing accessories? Add a note on viewing boxes, magnifiers and viewing conditions.

4. Explain Radiographic image. What components are required in image quality-density and contrast?
5. Elaborate management of the quality of the Radiography images and image quality control.
6. Write a note on film faults that are common and happened during manufacturing.
7. Discuss Substraction and its techniques applied to Radiography as well as its applications.
8. What is graininess and distortion? Write a note on laser imager.
9. Write a note on system for daylight film handling.

SECTION-C

10. Briefly explain dark room equipment and its layout.

OR

Briefly explain construction and nature of floor, walls, ceiling and radiation protection.

11. Describe materials for processing equipment, processors for manual operation.

OR

Describe control of chemicals temperature by heating and thermostat, immersion heaters as well as cooling faults.

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.