

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Imaging Technology Degree Examination – 26-Nov-2024

Time: Three Hours

Max. Marks: 60 Marks

Radiographic Photography and Image Processing (RS-3)

Q.P. CODE: 1355

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Describe in detail about dark room planning-location, construction, ventilation, wall protection, entrance
2. Describe in detail with a neat labeled diagram about the various layers of an X-ray film
3. Describe in detail about computed radiography-principles, equipments, processing

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

4. Types of intensifying screens
5. Automatic processor
6. Films for special procedures
7. Constituents of fixer
8. Construction of cassettes
9. Phosphors
10. Density of film and speed of films

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

11. Film fog
12. Safe light
13. Sharpness
14. Speed of screens
15. Fluorescence
16. Formation of latent image
17. Spots and splashes
