

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Imaging Technology Degree Examination – SEP 2017

Time: Three Hours

Max. Marks: 60 Marks

RADIOGRAPHIC PHOTOGRAPHY AND IMAGE PROCESSING (RS - 2)

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 various steps of Film Processing in Manual Processing Method.
2. Describe about structure of Intensifying Screen with the help of a neat labeled diagram.
3. Describe in detail about types and layers of X-ray film.

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

4. Construction of Cassettes
5. Latent Image Formation
6. Radiology Information System
7. Replenisher
8. Computed radiography
9. Factors of Screen construction affecting Speed and Sharpness
10. Explain constituents of Fixer.

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

11. Dark Room Entrance
12. Types of Hanger's
13. Automatic Processor
14. Rinsing
15. Speed of Film
16. Pass Box
17. Developer
