

## Rajiv Gandhi University of Health Sciences, Karnataka

**II Year B.Sc. Imaging Technology Degree Examination – OCT-2019**

**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. Dark room construction for a 250 bedded hospital with neat diagram.
2. What is radiographic contrast? Describe different factors affecting radiographic contrast.
3. Describe in detail the structure of x-ray film and its recent advances.

**SHORT ESSAYS (Answer any Five)**

**5 x 5 = 25 Marks**

4. Latent image formation
5. Types of image unsharpness
6. Duplication of Radiograph
7. Safe light test
8. Automatic processor
9. Digital radiography
10. Characteristic curve

**SHORT ANSWERS (Answer any Five)**

**5 x 3 = 15 Marks**

11. Importance of Ph in film processing
12. Rare earth phosphors
13. Fixer composition
14. Solarization
15. Film fog
16. Grid cassette
17. Hangers

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