

## Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Imaging Technology Degree Examination – SEP-2016

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 Automatic Processor.
2. Describe in detail with a neat labeled diagram about the various layers of an X-ray Film.
3. Describe in detail about various factors affecting Radiographic Image.

#### **SHORT ESSAYS (Answer any Five)**

**5 x 5 = 25 Marks**

4. Safe light test
5. Intensifying Screens
6. Types of Cassette
7. Day light film handling
8. Latent Image Formation
9. Dry Bench and Wet Bench
10. Types of Hangers and Storage of Hangers

#### **SHORT ANSWERS (Answer any Five)**

**5 x 3 = 15 Marks**

11. Gamma of the film
12. Single Emulsion of Film
13. Fluorescence
14. Film Fog
15. Hoppers
16. Radiology Information System
17. Functions of Fixer

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