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Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Imaging Technology Degree Examination – Sep 2012

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. What are the general guidelines to be followed while planning to build a dark room? Write a neat diagram of dark room.
2. What is radiographic contrast? Describe different factors affecting radiographic contrast.
3. What is fixer? Describe in detail about the constituents of fixer solution and its action.

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

4. Phosphors.
5. Magnification.
6. X-ray Cassettes.
7. Latent image.
8. Replenisher.
9. Computed radiography.
10. Resolution.

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

11. Dichromatic stain.
12. Intensification factor.
13. Types of X-ray film.
14. Silver halide.
15. Sources of unsharpness.
16. Focus to film distance.
17. Storage of exposed radiographs.
