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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Imaging Technology Degree Examination – Sep 2012

Time: 3 Hours**Max. Marks: 40 Marks****Radiation Physics and Medical Physics****Q.P. Code : 1354**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1353 and 1354 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)**1 x 10 = 10 Marks**

1. Describe in detail about image intensifiers
2. Describe in detail about mass miniature radiography equipment and its advantages

SHORT ESSAYS (Answer any Three)**3 x 5 = 15 Marks**

3. Types of GRIDS
4. Rapid cassette changer
5. Cine fluorography
6. Auto timers

SHORT ANSWERS (Answer any Five)**5 x 3 = 15 Marks**

7. Use of relays
8. Tube oven load protection
9. Filament circuit
10. Portable x – ray unit
11. H T cables
12. Cathode ray tubes
