2012

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Sep 2012

Time: 3 Hours Max. Marks: 30 Marks

Radiographic Technique - I

Q.P. Code : 2912

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessa

(Note : Both QP Codes 2912 and 2913 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Mark

1. Describe in detail about skeletal survey
2. Describe in detail about Barium meal examination

SHORT ESSAYS (Answer any Two) 2 x 5 = 10 Mark

3. Lordatic view
4. Scaphoid view
5. Twono's view

SHORT ANSWERS(Answer any Five) 5 x 2 = 10 Mark

6. Dental x – ray
7. Mastoin view
8. Barium. Swallon
9. Film badge
10. T M joint
11. Lead shield

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Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Feb / Mar 2012

Time: Three Hours **Max. Marks: 60 Marks**

DIAGNOSTIC IMAGING TECHNIQUE

(RS – II)

Q.P. CODE: 2911

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 spiral C T and its advantages
2. Discuss in detail about power doppler and real time colour flow
3. Explain in detail about gamma camera

SHORT ESSAYS (Answer any Five) **5 x 5 = 25 Marks**

4. M R I gantry
5. Trans vaginal ultra sound
6. Radioactivity
7. Radiation – dosimeter
8. Radionuclides
9. Gray scale imaging
10. Pulse sequences

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

11. Ultrasound artifacts
12. M R angiography
13. Patient proparation for ultrasound
14. Mechanical transducers
15. 2D, 3D ultrasound
16. Radioactivity
17. Contrast

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Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Feb / Mar 2012

Time: Three Hours | Max. Marks: 60 Marks

RADIOGRAPHIC TECHNIQUE I & II

Q.P. CODE: 2912 & 2913

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q. P. Code - 2912 Section 'A' - Radiographic Techniques – I (Marks – 30)

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

1. Describe Radiography of Skull
2. Discuss in detail Radiography of cervical spine

SHORT ESSAYS (Answer any Two) — 2 x 5 = 10 Marks

3. Skeletal survey
4. Water view
5. Skyline view of patella

SHORT ANSWERS(Answer any Five) — 5 x 2 = 10 Marks

6. Miniature Radiography
7. Teleroentgenogram
8. High K V technique
9. Bedside Radiography
10. Radiation protection
11. Fluoroscopy

Q. P. Code - 2913 Section 'B' - Radiographic Techniques – II (Marks – 30)

Use separate answer book

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

1. Discuss the Radiographic Technique of Intravenous Urography
2. Discuss the Technique of Barium Meal Follow Through

SHORT ESSAYS (Answer any Two) — 2 x 5 = 10 Marks

3. Sialography
4. Micturating Cystourethrography
5. Hyterosalphingography

SHORT ANSWERS (Answer any Five) — 5 x 2 = 10 Marks

6. Chiba needle
7. Barium swallow
8. Myelography
9. Contrast media Reactions
10. Methyl Cellulose
11. Non-ionic contrast media

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