Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Aug 2013

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 necessary
(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 Marks

1. Discuss in detail radiography of lumbosacral spine.
2. Describe in detail about skeletal survey.

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

3. Water's view
4. X–ray scapoid
5. Towne's view

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

6. Low K.V. technique
7. Fluoroscopy
8. Portal radiography
9. Magnification radiography
10. Teleroentogenogram
11. Apicogram

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Aug 2013

Time: 3 Hours Max. Marks: 30 Marks

Radiographic Technique - II

Q.P. Code : 2913

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

1. Adverse reactions to contrast media and patient management
2. Write briefly on postoperative choledіochography, precutaneous extraction of biliary calculi.

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

3. Write short note on catheterization sites, & procedure.
4. Write briefly on mammography.
5. Hypotonic duodenography

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

6. Preparation of Barium sulphate solutions
7. Emergency drugs
8. Percutaneous renal puncture
9. Barium enema
10. Ten day rule
11. Pressure injector

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Mar 2013

Time: 3 Hours | Max. Marks: 30 Marks

Radiographic Technique - II

Q.P. Code : 2913

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

1. Percutaneous transhepatic choledochography – biliary drainage
2. Radio isotopes scanning in liver diseases

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

3. Barium meal double contrast
4. Trans lumbar aortography
5. Nasopharyngography

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

6. Digital substration radiography
7. Echocardiogram
8. Percutaneous nephrostomy
9. Lumber myelography
10. Dark room fluoroscopy
11. Routes of admission of contrast media in CT

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Mar 2013

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 gamma camera.
2. Describe MRI in detail.
3. Describe in detail about multi detector CT.

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

4. Portable ultrasound
5. Subtraction angiography
6. MR spectrography
7. CT contrast media and its uses
8. Radiation hazards
9. Ultrasound probes.
10. Precautions while handling radionuclide.

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

11. Radioactivity
12. Motion artefacts
13. Contrast
14. 2D, 3D ultrasound
15. Radioimmuno assay
16. Mechanical transducers
17. Pixel and voxel

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Imaging Technology Examination – Mar 2013

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 necessary
(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 Marks

1. Describe about hystero salpinoagrphy
2. Describe about myelogram

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

3. Reverse towne's view
4. P N S view skull
5. Frog leg protection

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

6. Decubitious view
7. Intra oral x – ray
8. Soft tissue neck - x –ray
9. Thoracic inlet view
10. Lead numbers
11. Lateral view of mandible

*****
*****