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Rajiv Gandhi University of Health Sciences

QP CODE : 2209

THIRD YEAR B.Sc. (RADIOGRAPHY) DEGREE EXAMINATION,September-2005
IMAGING TECHNIQUE, RADIOGRAPHIC TECHNIQUE - II (Including U/S/ CT / MRI and Nuclear)

Time : Three Hours

Maximum Marks :80 Marks

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

Long Essays

1. What is "torography" and Discuss the technology of spiral C.T.
2. Discuss rodalities of hepato-biliary lraging briefly.
3. Discuss the technique and radivgraphy of double contrast barium enera.

[2 x 10 = 20 marks]

Short Essays

4. Advantages of MRI/SCT.
5. Rectilinear scanner.
6. T_1 and T_2 relaxation.
7. Hale-Life.
8. Chelating agents.
9. Transducer.
10. Colour-doppler.
11. RRI angiography.
12. Radio immume assay.
13. Therro Luminescence.

[8 x 5 = 40 marks]

Short Answers

14. Calciur tungstate. Calcium tungstate
15. Phosphurescence.
16. Ultrasound.
17. Coupling medium
18. Contrast scan.
19. Gadolineum
20. Hydrogen proton.
21. Faraday's law.
22. Spin-Echo.
23. Tesla.

[10 x 2 = 20 marks]

13 (2)
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Rajiv Gandhi University of Health Sciences

QP CODE : 2210

THIRD YEAR B.Sc. (RADIOGRAPHY) DEGREE EXAMINATION, September-2005
RADIOGRAPHIC TECHNIQUE - II

Time : Three Hours Maximum Marks :80 Marks

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

Long Essays

1. Write in detail about Adverse reactions to Contrast media and patient management in shock, emergency drugs and emergency equipment at the Radiology Department.
2. Write about Micturating Cytourethrogram and Retrograde urethogram-procedure and indications.
3. What is Myelography, mention the types of myelography and their indications.

[2 x 10 = 20 marks]

Short Essays

4. Forensic readiography - indications.
5. Precutaneous transhepatic Cholengiography.
6. Hystero-Salpingography and its indications.
7. Translumbar aortography.
8. Precutaneous transhepatic biliary drainage - procedures.
9. Small bowel enema.
10. Digital subtraction angiography - indication and usefulness.
11. What is Pelvimetry? Where is it indicated?
12. Ten day rule in radiation protection.
13. Barium meal follow through procedures and indications.

[8 x 5 = 40 marks]

Short Answers

14. Selective retrograde Venography - mention briefly about orbital Venography.
15. Renal arterography.
16. Pressure injector.
17. Echocardiography.
18. Percutaneous renal puncture.
19. Branchography.
20. Minute Pyelography
21. Aseptic measures
22. Vesiculography
23. Protable Radiography

[10 x 2 = 20 marks]