Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 14-Jul-2020

Time: Three Hours | Max. Marks: 100 Marks

RADIO DIAGNOSIS
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7461

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

Answer All The Questions | 10 x 10 = 100 Marks

1. Sonoelastrography in liver diseases.
2. Describe about CT coronary angiography and Calcium scoring.
3. Describe different magnets and coins in MRI.
4. Describe physics of 3D and 4D ultrasound and its usefulness in clinical imaging.
5. Write short notes on:
   a. Gout
   b. Time gain compensation in ultrasound
   c. Acroosteolysis
   d. MCUG
6. Describe the principles, construction and functionalities of individual components of image intensifier.
7. Discuss imaging anatomy of the orbit.
8. Discuss the radiation protection and isotope department.
9. What is Looser's zone? Describe the radiological appearances of the condition in which it is seen.
10. Describe:
    A. Cone view of Sella turcica
    B. Frog's view of both Hips

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 16-Jul-2020

[Time: 3 Hours] [Max. Marks: 100]

RADIO DIAGNOSIS - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7462

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

Answer All The Questions 10 X 10 = 100 Marks

1. Choledochal cyst.
2. Describe radiological appearances of G.I. Tuberculosis.
3. Pheochromocytoma.
4. Sonographic features in portal hypertension.
5. MR enterography vs MR enteroclysis.
6. TACE.
7. Describe the causes of lung collapse. Describe in brief the various conventional X-Ray and CT findings of various collapses.
8. Discuss in detail the radiological manifestations of AIDS in chest with respect to intrapulmonary changes.
9. Radiological evaluation of cavitary lung diseases.
10. Write short notes on unilateral radiolucent lung.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 18-Jul-2020

[Time: 3 Hours] [Max. Marks: 100

RADIO DIAGNOSIS - PAPER – III

(RS-2/RS-3)

Q.P. CODE: 7463

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

Answer All The Questions 10 X 10 = 100 Marks

1. Describe the causes of pain radiographic features of left-right shunts.
2. Ebstein's anomaly.
3. Briefly describe the imaging in aorto-arteritis.
4. Classify cystic diseases of the kidney. Describe the radiological and imaging features in polycystic kidney.
5. Discuss the role of radiology and imaging in the evaluation of a female infertile patient.
6. Doppler decision making tool in the management of IUGR.
7. Torsion of testis.
8. Discuss briefly various radiological interventional procedures in urinary tract.
9. Importance of 11-14 weeks pregnancy scan. Describe various parameters evaluated.
10. Multiparametric MRI in prostate malignancy.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 20-Jul-2020

[Time: 3 Hours] [Max. Marks: 100]

RADIO DIAGNOSIS - PAPER – IV

(RS-2/RS-3)

Q.P. CODE: 7464

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

Answer All The Questions 10 X 10 = 100 Marks

1. Discuss PET-CT principles and clinical uses.
2. What is BIRADS? Discuss elastography principles and clinical uses in breast lesions.
3. Role of imaging in Platybasia and Basilar Invagination.
4. Role of MRI in spinal disorders,
5. CT perfusion in Acute Stroke.
6. Discuss role of MRI in evaluation of CNS manifestations of AIDS.
7. Discuss roles of MRS in tumors of CNS.
8. Discuss role of imaging in white matter diseases.
9. Role of MRI in evaluation of Temperomandibular Joint Disorders.
10. Classify orbital tumors and discuss radiological approach to investigate the case of suspected orbital tumor.

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