

1.2 MD RD Question papers 2010 - 2022

March 2010

M.D. DEGREE EXAMINATION Branch VIII – RADIO DIAGNOSIS

Paper I – (for candidates admitted upto 2007-2008) and MEDICAL RADIATION PHYSICS AS APPLIED TO RADIO DIAGNOSIS

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary. Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

- I. What are the factors affecting radiographic quality? How to improve the radio graphic quality?
- II. X-ray of both hands including forearms as an index of systemic diseases. Discuss in detail.

II. Write short notes on :

(10 x 6 = 60)

1. Avascular necrosis.
2. Digital radiography.
3. Pulmonary embolism.
4. Contrast media.
5. Ewings sarcoma.
6. Cold abscess pathway – cervical to caudal.
7. Aorto arteritis.
8. Intussusception.
9. X-ray filters.
10. Pulmonary alveolar microlithiasis.

March 2010

**M.D. DEGREE EXAMINATION Branch VIII –
RADIO DIAGNOSIS Paper II – (for candidates
admitted upto 2007-2008) and Part II / Paper I – (for
candidates admitted from 2008-2009 onwards)**

RADIO DIAGNOSIS INCLUDING NUCLEAR MEDICINE

Q.P. Code : 202032

Time : Three hours

Maximum : 100 marks

**Draw suitable diagram wherever necessary. Answer ALL
questions.**

I. Essay questions : (2 x 20 = 40)

1. Discuss the role of radiologic imaging modalities in the evaluation of mid line brain lesions.
2. Discuss the role of MR findings in the evaluation of koch's involvement of appendicular skeleton.

II. Write short notes on : (10 x 6 = 60)

1. MR spectroscopy.
2. Colour doppler in DVT.
3. PET scan.
4. MRI – diffusion weighted imaging.
5. Tumor embolisation.
6. Virtual bronchoscopy.
7. C.T. guided biopsy.
8. Post operative stomach barium study.
9. Sono salphingography.
10. Calvarial metastasis.

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M.D. DEGREE EXAMINATION Branch VIII – RADIO DIAGNOSIS

Paper III – (for candidates admitted upto 2007-2008) and

Part II / Paper II – (for candidates admitted from 2008-2009 onwards)

**RADIO DIAGNOSIS INCLUDING INSTRUMENTATION AND
CONTRAST STUDIES**

Q.P. Code : 202033

Time : Three hours

Maximum : 100 marks

**Draw suitable diagram wherever necessary. Answer ALL
questions.**

I. Essay questions : (2 x 20 = 40)

1. Discuss the role of radio imaging modalities in the evaluation of extra thoracic manifestations of bronchogenic carcinoma.
2. Discuss the role of radio imaging modalities in the evaluation of granulomatous pyelonephritis. How will you differentiate from non-granulomatous pyelonephritis?

II. Write short notes on : (10 x 6 = 60) a. Iodism.

- b. Right iliac fossa masses.
- c. Terato dermoid.
- d. Haematuria.
- e. Role of colour Doppler in erectile dysfunction.
- f. Interventional techniques in ultrasound.
- g. Post operative T- tube cholangiogram.
- h. Bronchial fistula.
- i. Hamartoma
- j. Duplication of collecting systems.

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Sub. Code: 2034

M.D. DEGREE EXAMINATION Branch VIII –

RADIO DIAGNOSIS

Paper IV – (for candidates admitted upto 2007-2008) and

Part II / Paper III – (for candidates admitted from 2008-2009 onwards)

RADIO DIAGNOSIS INCLUDING INTERVENTIONAL

PROCEDURES AND RECENT ADVANCES *Q.P. Code : 202034*

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary. Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Classify bone tumors and discuss in detail about tumors of cartilage origin.
2. Discuss the methods of radiation protection. How do you protect the occasional exposed and occupationally exposed.

(10X 6 =

II. Write short notes on :

60)

1. Retrocaval ureter.
2. Medullary sponge kidney / page kidney.
3. M.R. Angiography.
4. Intra operative ultrasound.
5. C.T. pneumosialography.
6. Broncho-pulmonary segments and hypoplasia / aplasia of lung.
7. H.R.C.T. in Sweyer – James syndrome.
8. Renal scintigraphy.
9. Small kidney.
10. VACTEREL anomaly.