

125-NR

M.D. DEGREE EXAMINATION – APRIL, 2013

RADIO DIAGNOSIS

Paper-II : Principles and Practice of Radio Diagnosis

Time : 3 Hours

Max. Marks : 100

Note: Answer all questions

All questions carry equal marks

Draw diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Enumerate pre-malignant conditions of GIT. Describe imaging features of small and large bowel malignancies
2. Briefly describe the pulmonary arterial anatomy. Discuss in detail the role of a Radiologist in management of a suspected case of pulmonary thromboembolism.
3. Discuss the role of a Radiologist in management of palpable and non palpable breast lesions utilizing X-ray mammography and sonomammography.
4. Describe embryology of gut rotation and fixation. Discuss the differential diagnosis of a neonate with bilious vomiting.
5. Discuss the role of imaging in pituitary tumours.
6. Discuss the principles, techniques, advantages, limitations of CTA and MRA.
7. Write short one on:
 - a. Gastric volvulus
 - b. Calcifications in malignant breast disease
 - c. Meckel's diverticulum
 - d. Truncus arteriosus
 - e. Functioning tumours of pancreas
8. Discuss the anatomy of secondary pulmonary lobule. Discuss the pattern of interstitial lung diseases on HRCT and briefly discuss their differential diagnosis.
9. Write short notes on:
 - a. Choledochal cyst
 - b. Double outlet right ventricle
 - c. Adrenal adenoma
 - d. Pulmonary venous hypertension
 - e. Meconium ileus
10. Discuss the role of ultrasound and CT in diffuse liver disease.

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