

126-NR

M.D. DEGREE EXAMINATION – APRIL, 2014

RADIO DIAGNOSIS

Paper-III: Principles and Practice of Radio Diagnosis

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

All questions carry equal marks

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Discuss the embryology and congenital anomalies of the urinary system. Discuss the role of imaging in their evaluation.
 - 2) Discuss the differential diagnosis of an expanding lesion at the end of a long bone.
 - 3) Enumerate renal masses in children. Describe in detail the radiological and imaging features of Wilm's tumour.
 - 4) Discuss the imaging features and diagnosis of inherited white matter diseases (Leukodystrophies).
 - 5) Describe ultrasound features of first trimester pregnancy. Enumerate the causes of bleeding in first trimester and discuss their imaging features.
 - 6) Enumerate major apertures of skull base and discuss their location, transmitted structures through them and their connects. Describe the imaging features of various anterior skull base lesions.
 - 7) Write short notes on:
 - a) Retroperitoneal fibrosis
 - b) Pheochromocytoma
 - c) Adenomyosis
 - d) Medullary sponge kidney
 - e) Pigmented villonodular synovitis
 - 8) Describe the types of IUGR. Discuss the role of Radiologist in evaluation of IUGR.
 - 9) What is Phakomatosis? Enumerate the various conditions in this group and describe the imaging features of Neurofibromatosis.
 - 10) Write short notes on:
 - a) Schizencephaly
 - b) MRI in meniscal injuries
 - c) Solitary thyroid nodule
 - d) Hypoxic ischemic encephalopathy
 - e) Juvenile angiofibroma
-