

RADIODIAGNOSIS

PAPER – I

RDG/APRIL/16/40/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. a) Radiological features of osteopenia on a plain radiography. 3+7
b) Various imaging modalities used in the assessment of bone mineral density.
2. Various radiological findings in multiple myeloma and its differential diagnosis. 6+4
3. Radiological findings in primary hyperparathyroidism. 10
4. a) Radiological anatomy of sella turcica. 3+7
b) Imaging evaluation of a suspected pituitary tumor.
5. Imaging findings of pleomorphic adenoma. 10
6. a) Enumerate the various neurocutaneous syndromes. 3+7
b) Various imaging findings in a case of neurofibromatosis II.
7. a) Draw a diagram of cross sectional anatomy of inner ear. 3+7
b) Imaging workup in a child presenting with congenital sensorineural hearing loss.
8. a) Enumerate various spinal dysraphism. 2+8
b) Pathology and imaging findings in diastematomyelia.
9. Differential diagnosis of unilateral proptosis in a child. 10
10. a) Enumerate the various mucopolysaccharidosis. 2+8
b) Radiographic findings in Morquio syndrome.
