RADIOLOGY
PAPER – I

IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part ‘A’ and Part ‘B’, each part containing 5 questions.
- Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
- Answer sheet(s) of Part ‘A’ and Part ‘B’ are not to be tagged together.
- Part ‘A’ and Part ‘B’ should be mentioned only on the covering page of the respective answer sheet(s).
- 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.

PART A

1. Discuss the grading, imaging features on MRI and differential diagnosis of glioblastoma multiforme. 3+5+2

2. Enumerate the causes of hypertrophic osteoarthropathy. Briefly describe its radiological findings, differential diagnosis and role of Nuclear Medicine. 2+(4+2+2)

3. Enumerate causes of unilateral proptosis. Describe briefly imaging findings of optic glioma and corticocavernous fistula. 2+4+4

4. Enumerate various causes of hemolytic anaemia. Describe briefly the imaging findings in a case of thalassemia major. Briefly discuss its differential diagnosis from sickle cell anemia. 2+5+3

5. List the causes of posterior scalloping of vertebrae. Describe skeletal changes seen in von Recklinghausen’s disease. 2+8

P.T.O.