



**RADIODIAGNOSIS**

**PAPER – I**

RDG/D/14/40/I

Time : 3 hours  
Max. Marks : 100

**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.