FINAL EXAM
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

RADIODIAGNOSIS

PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

RDG/J/18/40/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 question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.**
- Answer sheets 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 sheets.
- 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:

PART A

1. a) Magnetic resonance imaging findings in a patient suspected to have acute ischemic cerebral stroke. 6+4
   b) Endovascular treatment in acute ischemic cerebral stroke as per the current evidence.

2. Enumerate the various types of primary traumatic lesions in head injury. State the indications for computed tomography (CT) and that for magnetic resonance imaging (MRI) in head trauma. 3+7

3. A middle aged lady presents with a breast mass. What are the possibilities? Discuss the specific mammographic characteristics which can help distinguish between the benign and malignant breast lesions. 2+8

4. Enumerate the cystic lesions of jaw. Outline the radiological algorithmic approach towards the diagnosis of such a lesion. 4+6

5. Enumerate the various labral injuries of shoulder. Describe the magnetic resonance imaging findings in any two such injuries. 2+(4+4)

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RADIO DIAGNOSIS

PAPER-I

Please read carefully the important instructions mentioned on Page '1'

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
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PART B

6.	Enumerate the possible causes of a jugular foramen mass. Describe the magnetic resonance imaging features in any two such lesions.	2+(4+4)
7.	Enumerate the causes of acute scrotal pain. Discuss the specific sonographic findings which will come in useful in making the diagnosis.	3+7
8.	Enumerate the various magnetic resonance imaging (MRI) sequences which can help in the evaluation of a cerebral tumour. Describe the key MRI features of a high grade glioma highlighting the significance of each of these sequences.	2+8
9.	Enumerate the causes of childhood proptosis. Describe the characteristic CT findings in any two such conditions which may present with childhood proptosis.	4+3+3
10.	Enumerate the causes of periosteal reaction in childhood. Discuss the radiological approach towards its diagnosis.	3+7

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