

FINAL EXAM
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

RADIO DIAGNOSIS

PAPER-II

TIME: 3 HOURS
MAX. MARKS: 100

RDG/J/18/40/II

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. Explain the role of imaging in the evaluation of a patient with varicose veins. Outline the various radiological interventional approaches to the management of varicose veins. 6+4
2. Describe the characteristic radiological features which define pulmonary tuberculosis. What are the possible complications of a cavitory disease? 8+2
3. Enumerate the various left to right shunts. Discuss the characteristic radiological features which can help define them. 2+8
4. Discuss the diagnostic imaging findings in stenosis of internal carotid artery at its origin. What is the role of an interventional radiologist in the management of such a case? 7+3
5. Enumerate the predisposing conditions which can lead to aspiration pneumonia. What are its characteristic radiologic features? 4+6

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RADIODIAGNOSIS
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- 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

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|---|---------|
| 6. Enumerate the predisposing factors which can lead to the respiratory distress syndrome of newborn. Describe its radiological findings and state its acute and subacute complications. | 2+8 |
| 7. Discuss the role of imaging in the evaluation of a patient with acute lower limb ischemia. What is the role of an interventional radiologist in the management of such a case? | 7+3 |
| 8. Enumerate the possible causes of a sudden unilateral loss of vision. Discuss the role of a radiologist in the diagnosis of any two such conditions which may present in this manner. | 2+(4+4) |
| 9. Describe the CT and MR imaging features in malignant mesothelioma. How is its staging carried out? | 8+2 |
| 10. Enumerate the various types of aortic dissection. Describe its contrast enhanced computed tomography and magnetic resonance imaging findings stating their respective advantages and limitations. | 2+8 |
