

FINAL EXAM  
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

**OPHTHALMOLOGY**

PAPER-II

TIME: 3 HOURS  
MAX. MARKS: 100

OPH/J/18/26/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. a) Pathogenesis and sequelae of cotton wool spots and hard exudates on retina in diabetic retinopathy. 5+5  
b) Diagnostic features of HIV retinopathy and relationship to CD4 counts.
2. a) Enumerate causes of iris cysts. 3+7  
b) Discuss briefly the management of different types of iris cysts.
3. a) Aetiopathogenesis, clinical features and diagnosis of pseudoexfoliative glaucoma. (3+3+2)+2  
b) Give specific features of true exfoliation in eye.
4. One and half syndrome – its cause and clinical features. 4+6
5. a) Siderosis bulbi - Clinical features 7+3  
b) ERG changes on electrophysiology in siderosis.

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**OPHTHALMOLOGY****PAPER-II****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.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

- |     |   |       |
|-----|---|-------|
| 6.  | A 25-year old man complaining of itching and redness of both eyes since childhood presents with gradually increasing refractive error and photophobia. Outline the workup and management. | 5+5   |
| 7.  | a) Etiopathogenesis of lid changes in trachoma.<br>b) Management outline of stage 2 trachoma.   | 6+4   |
| 8.  | Sjogren Syndrome – Clinical features, diagnosis and management  | 3+3+4 |
| 9.  | a) Clinical features and diagnostic tests of ocular myasthenia.<br>b) Important differential diagnosis and points to differentiate.   | 6+4   |
| 10. | a) Pathogenesis of senile ectropion.<br>b) Elucidate tests for assessment and management of senile ectropion.   | 5+5   |

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