

FINAL EXAM  
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

**OPHTHALMOLOGY**

PAPER-IV

TIME: 3 HOURS  
MAX. MARKS: 100

OPH/J/18/26/IV

**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) Role of Botulinum toxin in strabismus.                    | 6+4 |
| b) What is Faden operation?                                     |     |
| 2. Recent advances in the endothelial keratoplasty.             | 10  |
| 3. Newer advances in refractive surgery.                        | 10  |
| 4. Principles of MRI and its role in practice of Ophthalmology. | 4+6 |
| 5. a) "Progressive Glasses" design.                             | 6+4 |
| b) When to use it and its advantages over conventional glasses? |     |

FINAL EXAM  
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

**OPHTHALMOLOGY****PAPER-IV****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) Intravitreal implants and indications for their use.  | 7+3 |
| b) What are their possible side effects?  |     |
| 7. a) Management of recurrent viral keratitis.  | 5+5 |
| b) Discuss two newer imaging modalities of anterior segment of eye.   |     |
| 8. Management of unilateral cataract in a 2-year-old child.   | 10  |
| 9. a) Management of unilateral 5-day old chemical burn.   | 5+5 |
| b) Newer concepts in the management of ocular burns.  |     |
| 10. Newer advances in the management of 2 DD unilateral retinoblastoma in the presenting eye and when presenting in the fellow eye in bilateral retinoblastoma. | 5+5 |

\*\*\*\*\*