

FINAL EXAM  
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

**OPHTHALMOLOGY****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 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.*

**PART B**

6. a) What is amplitude of accommodation? 3+(3+2)+2  
b) What is spasm of accommodation? Name two conditions in which this is commonly seen.  
c) How do you treat this condition?
7. a) What are the different designs of bifocal spectacle lens? 3+4+3  
b) Give 2 advantages and disadvantages of each type.  
c) What is the best design to minimize these pitfalls?
8. a) Production and outflow of aqueous humor. 3+4+3  
b) Relationship between central corneal thickness and IOP measurement.  
c) The accepted norm for the adjustment of corneal thickness variations to IOP measurement.
9. Blood supply of choroid, ciliary body and iris. 3+3+4
10. a) Pathway of fourth cranial nerve. 5+5  
b) Enumerate the causes of fourth nerve palsy (acquired) with respect to site of affections.

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