

OPHTHALMOLOGY

PAPER – III

OPH/APRIL/16/26/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- *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:

1. What is safe application of antimetabolites in trabeculectomy? Describe refinements in trabeculectomy which minimize hypotony and overfiltration of bleb. 3+7
2. Causes and management of tractional retinal detachment. 10
3. Enumerate and describe MIGS (Microinvasive Glaucoma Surgery) procedures. List its advantages and disadvantages in eyes with Asian ethnicity. 5+5
4. Elaborate on procedure of DALK. What are the complications of this procedure? 6+4
5. a) Management of cytomegalovirus retinitis. 6+4
b) Enlist the other retinal manifestations of HIV infections.
6. Localisation and management of intraocular foreign bodies. 4+6
7. Management of congenital nasolacrimal duct obstruction in a two year old child. How would the management differ in a 10 year old? 6+4
8. Etiology, clinical features and treatment of cystoid macular edema. 3+4+3
9. Causes, mechanism and rationale of corneal vascularisation. Add a note on high risk keratoplasty. (3+2+2)+3
10. Enumerate indications and types of limbal stem cell transplantation. Discuss in detail the procedure. (3+2)+5
