

**OPHTHALMOLOGY**

PAPER – IV

OPH/J/17/26/IV

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. Clinical features, diagnostic tests and management of retained intraocular foreign body. 3+3+4
2. Contact lens options in keratoconus and irregular corneas with high astigmatism. 10
3. Classify and mention briefly about different anti-VEGF agents and their uses in ophthalmology. 2+2+6
4. Common systemic medications and ocular toxicity. 10
5. Management of intractable glaucoma or multiple failed glaucoma surgeries. 10
6. a) Principle of optical coherence tomography. 2+5+3  
b) Indications of use of above modality in different ocular conditions.  
c) Recent advances in OCT.
7. a) Current techniques for management of recurrent pterygium. 7+3  
b) P.E.R.F.E.C.T technique for pterygium management
8. Critically evaluate DSEK/DSEK & DMEK. 5+5
9. a) Management of a 2 disc diameter raised retinoblastoma in a 3 year old child. 7+3  
b) Recent advances in the management of retinoblastoma.
10. a) What are orbital implants and their indications? 3+3+4  
b) Enumerate different materials of orbital implants.  
c) What are the advantages and complications of orbital implants?

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