

OPHTHALMOLOGY
PAPER-III

TIME: 3 HOURS
MAX. MARKS: 100

OPH/J/19/26/III

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 70-year-old male with a normal phakic contralateral eye had posterior capsular tear in the centre during a phacoemulsification procedure after removal of the cortex. Make a flowchart describing your subsequent actions, explaining why you performed each step. 10
2. a) Enumerate the various consequences of a closed globe injury by a blunt object. 6+4
b) How would you distinguish between open globe and closed globe injury?
3. A 21-year-old myopic male presented with a total retinal detachment in the right eye, a single causative break at 11 o'clock anterior to the equator and no PVR. 5+5
a) What are the surgical options for management of retinal detachment?
b) Explain clearly why you would recommend your chosen surgical option and outline the surgical steps.
4. a) Enumerate various implant drainage devices in glaucoma surgery. 4+6
b) Indications and adverse effects of Ahmed Glaucoma Valve surgery.
5. a) Enumerate Kerato refractive surgeries. 4+(3+3)
b) Intraoperative and postoperative complications of LASIK and their management.

P.T.O

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Please read carefully the important instructions mentioned on Page '1'

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PART B

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| 6. | After giving one ml of a peribulbar anaesthetic, there is sudden proptosis, pain, sub-conjunctival hemorrhage, severe chemosis and loss of vision with loss of all ocular movements and inability to close the eyelids.
a) Describe what your further course of action would be.
b) What are the signs of globe perforation during peribulbar block? | 5+5 |
| 7. | What are the surgical options in the management of a blowout fracture of the orbit? Discuss the indications for each. | 5+5 |
| 8. | a) Enumerate various types of lamellar keratoplasty.
b) How would you decide which lamellar procedure would be appropriate for a patient? | 5+5 |
| 9. | Management options in a case of lateral rectus palsy with visually disabling diplopia. | 10 |
| 10. | a) Describe techniques for repair of a canalicular injury.
b) Describe types of Orbital Implants and their advantages. | 5+5 |
