

OPHTHALMOLOGY
PAPER-IV

TIME: 3 HOURS
MAX. MARKS: 100

OPH/J/19/26/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. An 80-year-old retired school teacher with parkinsonism and modest visual demands was operated for cataract in the right eye and she has a postoperative error of +5 diopter in the first week. Her contralateral eye is pseudophakic and has good uncorrected postoperative vision with which she is satisfied. The current surgery was uncomplicated. 5+5
 - a) Discuss various options for further management of the patient.
 - b) How would you decide on the best course of action?
2. Discuss the newly available options for the management of Limbal stem cell deficiency. 10
3.
 - a) Principles of Femto Assisted Cataract Surgery (FACS).
 - b) Advantages and disadvantages of FACS.5+5
4. Role of biological agents in management of patient with bilateral chronic uveitis. 10
5.
 - a) Describe newly available modalities for imaging of the anterior segment?
 - b) Management of a painful blind eye with medically uncontrollable intraocular pressure of 50 mm Hg.5+5

P.T.O.

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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. Describe management options for a 60-year old patient suffering from age related macular degeneration with visual acuity of 3/60 in both eyes. Discuss options for visual rehabilitation of patient. | 5+5 |
| 7. What are the current management options available for a case of chronic central serous chorioretinopathy? | 10 |
| 8. Recent advances in management of postoperative astigmatism. | 10 |
| 9. What are the surgical options for management of presbyopia? | 10 |
| 10. a) Intra-arterial chemotherapy for retinoblastoma.
b) Uses of botulinum toxin in the eye. | 5+5 |
