OPHTHALMOLOGY

PAPER – IV

IMPORTANT INSTRUCTIONS

1. This question paper consists of 10 questions divided into Part ‘A’ and Part ‘B’, each part containing 5 questions.
2. 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.
3. Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
4. Answer sheet(s) of Part ‘A’ and Part ‘B’ are not to be tagged together.
5. Part ‘A’ and Part ‘B’ should be mentioned only on the covering page of the respective answer sheet(s).
6. Attempt all questions in order.
7. Each question carries 10 marks.
8. Read the question carefully and answer to the point neatly and legibly.
9. Do not leave any blank pages between two answers.
10. Indicate the question number correctly for the answer in the margin space.
11. Answer all the parts of a single question together.
12. Start the answer to a question on a fresh page or leave adequate space between two answers.

PART A

Write short notes on:

1. What are the objectives and action plan of “National Programme for Control of Blindness” (NPCB)? Give the definition of blindness as per NPCB and WHO. (4+4)+(1+1)

2. What is micropulsed retinal laser? What is the change in concept of application of lasers in a micropulsed design and what are its advantages? 3+(3+4)

3. What are the recent advances in choroidal assessment on OCT? In which situations has it been applied? 7+3

4. A 30 year old male presented with genital lesions and complained of sudden diminution of vision in one eye followed 6 weeks later by similar diminution in the other eye. What are the possible diagnoses? Give broad guidelines in the management of each situation. 2+8

5. Enumerate the uses of optical coherence principle in Ophthalmology. What equipments are based on this principle and their advantages? 5+5

P.T.O.