



OPHTHALMIC TECHNIQUES HSSC-II

91 (10)

Time allowed: 2:35 Hours

Total Marks Sections B and C: 80

NOTE: Answer any ten parts from Section 'B' and any three questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION – B (Marks 50)

Q. 2 Attempt any TEN parts. The answer to each part should not exceed 2 to 4 lines. (10 x 5 = 50)

- (i) Draw and label the visual pathway.
- (ii) Give structure in the anterior segment of eye-ball in order.
- (iii) Write down the use of Slit lamp.
- (iv) Write any three advantages of ICLE (Intra Capsular Lens Extraction).
- (v) What pre-operative investigations are done before cataract surgery?
- (vi) Write any three symptoms of open angle glaucoma.
- (vii) Briefly write the use of Mydriatics in eye examination.
- (viii) Draw and label the structure of eye-lid.
- (ix) What is Trachoma? How does it spread? Also write its causative agent.
- (x) Name the Extra-Ocular Muscles of eye-ball with their action.
- (xi) Name the methods of tonometry. Briefly write the formation and drainage of Aqueous Humor.
- (xii) Draw the following and give their uses:
 - a. Pin Hole
 - b. Chalazion scoop
 - c. Lens expressor
- (xiii) Define Pterygium. Give treatment.

SECTION – C (Marks 30)

Note: Attempt any THREE questions. All questions carry equal marks. (3 x 10 = 30)

- Q. 3** Describe the methods of drug instillation in conjunctival sac of eye.
- Q. 4** Differentiate between Ulcerative and Squamous Blepharitis. Also give management.
- Q. 5** Discuss Trachoma.
- Q. 6** Name the Accessory structures of eye. Also write down their Anatomy and Physiology.
- Q. 7** Classify Cataract. Discuss the Anatomy and Physiology of Lens.