

- (xii) Lens capsule is thinnest at the _____
A. Centre anteriorly B. Laterally
C. Superior Pole D. Inferior Pole
- (xiii) Which of the following is an early complication of Intra Capsular Cataract Extraction (ICCE)?
A. Vitreous Prolapse B. Rupture of capsule
C. Haemorrhage D. All of these
- (xiv) Visual field defects occur in _____
A. Conjunctivitis B. Pterygium
C. Ptosis D. Glaucoma
- (xv) Which of the following statement is **INCORRECT** about Retina?
A. It is a vascular layer B. It has rods and cones
C. It has ten layers D. It helps in vision
- (xvi) The total length of optic nerve is _____
A. 5 mm B. 5 cm
C. 5 inches D. None of these
- (xvii) The most severe complication of penetrating eye injury is _____
A. Subluxation of lens B. Ocular Haemorrhage
C. Sympathetic ophthalmitis D. Iridocyclitis
- (xviii) The 3rd cranial Nerve Oculomotor supplies all muscles of eye ball except _____
A. Superior Rectus Muscle B. Inferior Rectus Muscle
C. Medial Rectus Muscle D. Superior Oblique Muscle
- (xix) Which of the following muscles elevates the Upper Eyelid?
A. Superior Oblique B. Superior Rectus
C. Levator Palpebri Superioris D. Occularis Occuli
- (xx) Chalazion is chronic inflammatory condition of _____
A. Gland of Zies B. Gland of Moll
C. Meibomian gland D. Accessory Lacrimal gland

For Examiner's use only:

Total Marks:

20

Marks Obtained:



OPHTHALMIC TECHNIQUES HSSC-II

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.