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Time allowed: 25 Minutes

Answer Sheet No	
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# OPHTHALMIC TECHNIQUES HSSC-II

## SECTION - A (Marks 20)

NOTE:	the	quest		pleted in th	parts of this section are to be answered on e first 25 minutes and handed over to the ved. Do not use lead pencil.	
Q. 1	Circle the correct option i.e. A / B / C / D. Each part carries one mark.					
	(i) Which of the following glands is <b>NOT</b>		ch of the following glands is <b>NOT</b> a pa	art of eye?		
		A.	Meibomian gland	В.	Parotid gland	
		C.	Gland of zies	D.	Gland of moll	
	(ii)	Whic	ch of the following statements is INCO	ORRECT abo	out cornea?	
		Α.	It forms anterior 1/6 of eye	В.	It is a very sensitive layer	
		C.	Joins the Sclera at Limbus	D.	It is very vascular	
	(iii)	The	error of refraction due to old age is _			
		A.	Astigmatism	В.	Aphakia	
		C.	Cataract	D.	Presbyopia	
	(iv)	Acut	e Mucopurulent conjunctivitis is caus	ed by		
		A.	Bacteria	В	Virus	
		C.	Fungus	D.	Parasite	
	(v)	-				
		A.	Cataract	В.	Leucoma	
		C.	Macula	D.	Nebula	
	(vi)	The commonest cause of Non-purulent Keratitis (No pus formed) is				
		A.	Acanthamoeba	В.	Syphilis	
		C.	Herpes simplex virus	D.	None of these	
	(vii)					
		A.	It is shiny and transparent	B.	It forms the anterior 1/6 of eye	
		C.	It has secretory function	D.	It is strong, opaque, white fibrous layer	
	(viii)	Pupil	of eye is present in			
		A.	Iris	В.	Choroid	
		C.	Anterior chamber	D.	Ciliary body	
	(ix)	When a portion of iris is cut and removed it is called				
		A.	Iridotomy	B.	Iridectomy	
		Ç.	Enucleation	D.	Evisceration	
	(x)					
		A.	Peripheral cataract	В.	Zonular cataract	
		C.	Central cataract	D.	Myopia	
	(xi)	The most common cause of blindness is				
		A.	Trachoma	В.	Cataract	
		C	Glaucoma	Ь	Vitamin deficiency	

### DO NOT WRITE ANYTHING HERE

(xii)	Lens	capsule is thinnest at the					
(////	A.	Centre anteriorly	В.	Laterally			
	C.	Superior Pole	D.	Inferior Pole			
(xiii)	Whic	Which of the following is an early compliation of Intra Capsular Cataract Extraction (ICCE)?					
,	A.	Viterous Prolapse	B.				
	C.	Haemorrhage	D.	All of these			
(xiv)	Visua	Visual field defects occur in					
	A.	Conjunctivitis	B.	Pterygium			
	C.	Ptosis	D.	Glaucoma			
(xv)	Whic	nich 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.	Sublaxation of lens	В.	Ocular Haemorrhage			
	C.	Sympathetic ophthalmitis	D.	Iridocyclitis			
(xviii)	The:	The 3 <sup>rd</sup> cranial Nerve Occulomotor supplies all muscles of eye ball except					
	A.	Superior Rectus Muscle	B.	Inferior Rectus Muscle			
	C.	Medial Rectus Muscle	D.	Superior Oblique Muscle			
(xix)	x) Which of the following muscles elevates the Upper Eyelid?			elid?			
	A.	Superior Oblique	B.	Superior Rectus			
	C.	Levator Palpebri Superioris	D.	Occularis Occuli			
(xx)	Chal	halazion is chronic inflammatory condition of					
	A.	Gland of Zies	B.	Gland of Moll			
	C.	Meibomian gland	D.	Accessory Lacrimal gland			
Fa F							
ror Ex	camine	er's use only:	Tota	I Marks:			
			Mark	s Obtained:			

—— 2НА 1346 ——



## OPHTHALMIC TECHNIQUES HSSC-II



Time allowed: 2:35 Hours

Total Marks Sections B and C: 80

NOTE: A

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

 $(10 \times 5 = 50)$ 

- (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 tonometery. 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.

 $(3 \times 10 = 30)$ 

- 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.

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