

SS/MBBS-III (Part-1)/1st IA/OPH/07-24

2024

(July)

OPHTHALMOLOGY

Full Marks: 100

Time: 3 hours

The figures in the margin indicate full marks for the questions

Answer all questions

1.Choose the correct option:

1×5=5

i. Placido disc is used to detect

- a) corneal opacity
- b) corneal ulcer
- c) Keratoconus
- d) corneal oedema

ii. Aqueous humour is produced by

- a) Iris
- b) Ciliary processes
- c) Choroid
- d) Retina

iii. Which one of the following is not a primary layer of the eyeball?

- a) Sclera and cornea

- b) Conjunctiva and Tenon's capsule
- c) Vision sensory layer
- d) Uveal tissue layer

iv. Which type of corrective lenses are prescribed to correct myopia?

- a) Bifocal lenses
- b) Convex lenses
- c) Concave lenses
- d) Plano lenses

v. Which muscle is supplied by cranial nerve 4?

- a) Superior oblique
- b) Inferior oblique
- c) Superior rectus
- d) Inferior rectus

2. Answer in brief:

2×5=10

- a) Hypopyon
- b) Define glaucoma
- c) Bitot's spot
- d) Follicle in conjunctiva
- e) Layers of tear film

3. Write short notes on:

5×8=40

- a) Keratoconus

- b) Intra-ocular muscles
- c) Episcleritis.
- d) Vitreous haemorrhage
- e) Staphyloma
- f) Vernal conjunctivitis
- g) Amblyopia
- h) Presbyopia

4. Discuss the clinical features, differential diagnosis and management of fungal corneal ulcer. 5+5+5=15

5. What is cataract? What are the different stages of a cataract? Discuss the intra- operative and post-operative complications of SICS surgery.
2+3+(5+5)=15

6. A newborn baby with normal delivery was brought to OPD with swelling of both eyes, discharge (mucopurulent) with redness of eye. 1+3+5+1=10

- a) What is the probable diagnosis?
- b) What are the complications?
- c) What is the treatment of such condition?
- d) How will you prevent such condition?

7. Discuss counselling for eye donation.

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