

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES**TELANGANA, WARANGAL – 506 002****MBBS FINAL YEAR PART-I DEGREE SUPPLEMENTARY EXAMINATIONS: JUNE, 2025****OPHTHALMOLOGY****Time: 3 Hours****Max Marks: 100****Note:** Answer all questions

Give Diagrammatic representation wherever necessary

Multiple Choice Questions:**10 x 1 = 10**

- 1 Regarding hyphema, all are true except
 - a) May be associated with low intraocular pressure
 - b) Is treated with restriction of activity
 - c) If it recurs within a short time may result in more severe problems
 - d) Is treated with steroid drops
- 2 Regarding chemical eye injuries, all are true except:
 - a) Acids cause more severe damage than alkalis
 - b) Initial treatment requires copious irrigation of eye with water
 - c) May be associated with corneal melt
 - d) May be treated with vitamin C and tetracyclines
- 3 Orbital injury may produce all the following signs, except:
 - a) Periorbital emphysema
 - b) Limitation of eye movements
 - c) Proptosis in the longer term
 - d) A patch of anaesthesia below the orbital rim
- 4 A 70 year old woman with a history of previous head trauma presents with sudden onset of red proptosed eye, Eye movements are reduced in all directions, intraocular pressure is increased. The most likely diagnosis is:
 - a) Dysthyroid eye disease
 - b) A carotidocavernous sinus fistula
 - c) An orbital varix
 - d) A dermoid cyst
- 5 All the following regarding the instruments are true, except:
 - a) Keratometry allows the protrusion of the eye to be measured
 - b) The synoptophore measures convergence and divergence
 - c) The exophthalmometer allows the protrusion of the eye to be measured
 - d) Retinoscopy is used to assess refractive error
- 6 All the following are indications of evisceration except:
 - a) Retinoblastoma
 - b) Panophthalmitis
 - c) Expulsive choroidal haemorrhage
 - d) Bleeding anterior staphyloma
- 7 In Trachoma, all are true except
 - a) Affects more than 84 million people
 - b) 60% children have active disease
 - c) Corneal scarring may result from cicatricial entropion
 - d) Is treated with ivermectin

- 8 Oral propranolol 2-3 mg/kg per day used to reduce recurrence of which of the following conditions
- | | |
|--------------------|-------------------------|
| a) Xantholesma | b) Capillary hemangioma |
| c) Keratocanthomas | d) Congenital naevi |
- 9 In WHO classification of xerophthalmia X2 refers to
- | | |
|--------------------|-------------------------|
| a) Night blindness | b) Conjunctival xerosis |
| c) Bitots spots | d) Corneal xerosis |
- 10 In acquired immunodeficiency syndrome
- | | |
|--|---|
| a) Hemorrhages and cotton wool spots may be seen on the retina | b) Opportunistic infection has increased since the development of highly active anti-retroviral therapy (HAART) |
| c) CMV retinopathy causes focal white spots on the retina associated with hemorrhage | d) Ganciclovir and foscarnet are used to treat CMV retinitis |

Essay/ Long Answer Questions:

2 X 15 = 30

11. Bacterial corneal Ulcer.

12. Diabetic Retinopathy.

Short Answer Questions:

7 X 6 = 42

13. Clinical features of Trachoma.

14. Ophthalmia Neonatorum.

15. Field changes in Glaucoma.

16. Papilloedema.

17. Signs of Keratoconus.

18. Thyroid Eye disease.

19. Spring Catarrh.

Very Short Answer Questions:

6 X 3 = 18

20. Side effects of Atropine Eye Drops.

21. Visual Acuity.

22. Endophthalmitis.

23. Hypermetropia.

24. Cause of white Reflex in Pupil.

25. Eye donation.
