

# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS Phase – III (Part-I – CBME) Degree Examination - 22-Jan-2025

**Time: Three Hours****Max. Marks: 100****OPHTHALMOLOGY (RS-4)****Q.P. CODE: 1033****(QP contains two pages)**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary

**LONG ESSAYS****2 x 10 = 20 Marks**

1. A 27 years old male patient comes with a complaint of watering, redness and discharge from left eye. Also gives history of matting of eye lashes
  - a) What is your likely diagnosis?
  - b) Discuss the differential diagnosis of red eye
2. Discuss the etiology, clinical features and management of acute congestive glaucoma

**SHORT ESSAYS****8 x 5 = 40 Marks**

3. Legal blindness
4. Draw and label the diagram of pupillary pathway
5. What are the layers of retina? Write the fundus picture of retinitis pigmentosa
6. What is presbyopia and discuss the treatment options for myopia
7. Clinical features of blunt ocular trauma
8. What are the differences between granulomatous and non granulomatous uveitis?
9. Clinical features and management of acute dacryocystitis
10. Write a note on complications of cataract surgery

**SHORT ANSWERS****10 x 3 = 30 Marks**

11. Synchysis scintillans
12. SRK formula
13. Complications of corneal ulcer
14. Mention the layers of tear film and its functions
15. Differential diagnosis of leukocoria
16. Six uses of laser in ophthalmology
17. Episcleritis
18. Indications of enucleation
19. Iris bombe
20. Vision 2020

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

- 21 i) All the below are seen in uveitis **cases** due to sarcoidosis except for
- A. **Dalen** fuchs nodule
  - B. Chronic granulomatous uveitis
  - C. Candle wax dripping sign
  - D. Snow banking

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- 21 ii) One of the earliest features of anterior uveitis includes
- Keratic precipitates
  - Hypopyon
  - Posterior synechiae
  - Aqueous flare
- 21 iii) All the following are extraocular muscles of eye except
- Superior rectus
  - Inferior rectus
  - Ciliary muscle
  - Superior oblique
- 21 iv) Stem cells **are** present in ..... part of the cornea
- Limbus
  - Epithelium
  - Stroma
  - Descemet** membrane
- 21 v) **Eales** disease presents with
- Subconjunctival haemorrhage
  - Vitreous haemorrhage
  - Choroidal haemorrhage
  - Hyphema
- 22 i) Jet black pupil is seen in
- Aphakia
  - Immature cataract
  - Nuclear sclerosis
  - Mature cataract
- 22 ii) Optic disc diameter is
- 1 mm
  - 1.5 mm
  - 2mm
  - 3mm
- 22 iii) Corneal sensations are diminished in
- Herpes simplex keratitis
  - Bacterial conjunctivitis
  - Arcus **Senilis**
  - Marginal keratitis
- 22 iv) The commonest **cause** of posterior staphyloma is
- Retinal detachment
  - Glaucoma
  - Iridocyclitis
  - High myopia
- 22 v) Cornea supplied by nerve fibers derived from
- Trochlear nerve
  - Optic nerve
  - Trigeminal
  - Oculomotor nerve

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