

Q.P. Code - 1033

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

- 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
- Discuss the etiology, clinical features and management of acute congestive glaucoma

SHORT ESSAYS 8 x 5 = 40 Marks

3. Legal blindness

2.

- 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
- Write a note on complications of cataract surgery 10.

SHORT ANSWERS 10 x 3 = 30 Marks

- Synchysis scintillans
- 12. SRK formula
- Complications of corneal ulcer.
- Mention the layers of tear film and its functions
- 15. Differential diagnosis of leukocoria
- 16. Six uses of laser in ophthalmology
- 17. Episcleritis
- Indications of enucleation
- Iris hombe
- Vision 2020

Multiple Choice Questions

10 x 1 = 10 Marks

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

