

JCZ 10016**Third Year MBBS Examination****III MBBS Part 1 Ophthalmology**

Time: 2 hours

Date:

07-03-2022 Max Marks: 40

- Instructions:
1. Answer to the points.
 2. Figure to the right indicates marks.
 3. Use separate answer books for each section.
 4. Draw diagrams wherever necessary.
 5. Write legibly.

Section 1

1. Answer the following: (Any Two) $5 \times 2 = 10$ (10)
 - a. Clinical features and management of fungal Corneal Ulcer.
 - b. Definition, signs, symptoms and management of Pterygium.
 - c. Steps of Phacoemulsification surgery and treatment of any one post operative Complication of Cataract Surgery.
2. Write short notes on: (any three) (12)
 - a. Papilloedema vs Papillitis,
 - b. Fundus finding of hypertensive retinopathy (Keith Wagner Classification),

- c. Enumerate layers of retina and write about Direct Ophthalmoscopy vs Indirect Ophthalmoscopy.
 - d. Define glaucoma and describe principle of different tonometry. Write down the advantages and disadvantages of indentation and applanation tonometry and steps of IOP measurement by Schiotz Tonometer.
3. Write short notes on: (any three) $4 \times 3 = 12$ (12)
- a. Enumerate laser used in ophthalmology and describe treatment of Myopia.
 - b. Different drugs used in Glaucoma.
 - c. What is Second Sight? Describe signs and symptoms of Senile Cataract and complication of Hypermature Cataract.
 - d. Define Amblyopia and describe treatment of Accommodative Esotropia.
4. Answer the following in one or two sentences: (any six) $1 \times 6 = 6$ (6)
- a. What you mean by 6/60 visual acuity?
 - b. Four uses of fluorescein in ophthalmology
 - c. Cause of sudden painful loss of vision. A. CRAO B. Acute congestive glaucoma C. Senile cataract D. Retinal detachment
 - d. Match the following (A) Orbicularis oculi (B) Superior rectus (C) Superior Oblique (D) Lateral rectus (1) Oculomotor nerve (2) Trochlear Nerve (3) Abducent
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Nerve(4)facial nerve

- e. Intraoperative complication of Cataract Surgery(A) posterior capsular opacification(B) posterior capsules rupture(C) Endophthalmitis(D) Retrobulbar hemorrhage
- f. Four uses of topical anesthesia.
- g. Advantages of viscoelastic.

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