

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**B.OPTOMETRY DEGREE EXAMINATION – February 2020
Third Year**

OCULAR DISEASES

Time: Three hours

Maximum: 80 marks

I Choose the best answer

(10 x 1 = 10)

1. Entropion is _____ of the eyelid
 - a) Outward turning
 - b) Inward turning
 - c) Drooping
 - d) Sagging
2. Irregular astigmatism is caused by the following EXCEPT _____
 - a) Pellucid marginal degeneration
 - b) Keratoconous
 - c) Terrian's marginal degeneration
 - d) Keratoconjunctivitis sicca
3. Ropy discharge is present in _____ conjunctivitis.
 - a) Bacterial
 - b) Viral
 - c) Vernal
 - d) Chlamydial
4. _____ vision is affected in age related macular degeneration.
 - a) Peripheral
 - b) Temporal
 - c) Nasal
 - d) Central
5. Increased intraocular pressure can cause the _____.
 - a) Corneal edema
 - b) Corneal ulcer
 - c) Corneal tear
 - d) Epithelial erosions
6. Neovascularisation of iris is seen in patients with _____.
 - a) Systemic hypertension
 - b) Diabetic Miletus
 - c) Hyperthyroidism
 - d) Rheumatoid Arthritis
7. Secondary glaucoma can be caused by the following EXCEPT _____.
 - a) Uveitis
 - b) Ocular trauma
 - c) Steroids
 - d) Conjunctivitis
8. _____ refers to an acute infection of the soft tissues of the orbit behind the orbital septum.
 - a) Orbital cellulitis
 - b) Proptosis
 - c) Orbital Periostitis
 - d) Orbital Mucormycosis
9. "Second Sight" is caused by _____ cataract.
 - a) Nuclear
 - b) Cortical
 - c) Posterior Sub Capsular
 - d) Posterior Polar
10. Cherry red spot is seen in _____ condition.
 - a) CRAO
 - b) CRVO
 - c) BRVO
 - d) Hypertensive retinopathy

II State whether the following statements are **TRUE** or **FALSE** (10 x 1 = 10)

1. Stye is a painful lesion.
2. Rods and cones function can be tested with ERG.
3. Diabetic retinopathy can cause rhegmatogenous retinal detachment.
4. Marcus Gunn pupil reacts normally to light.
5. Conjunctival xerosis is associated with vitamin A deficiency.
6. Colour vision is affected in cone dystrophy.
7. Retinitis pigmentosa causes bony spicules appearance of retina.
8. Peripheral iridotomy is done in open angle glaucoma.
9. Symblepharon can be present Steven Johnson syndrome.
10. Endophthalmitis is a complication of cataract surgery.

III Fill in the blanks: (10 x 1 = 10)

1. Normal value of Schirmers I test is _____.
2. Iris bombe occurs in _____.
3. Capsule of lens is thinnest at _____.
4. _____ is infection of lacrimal sac.
5. Fleischer's ring is seen in _____ condition.
6. Enlargement of blindspot is a sign of _____.
7. _____ ulcer is present in herpes simplex virus.
8. Herbert's pit is seen in _____.
9. In posterior synechiae the iris adheres to _____ surface.
10. Pseudo-exfoliation cause _____ glaucoma.

IV Write any **FIVE** answers of the following: (5 x 6 = 30)

1. Chalazion.
2. Types of corneal opacity.
3. Optic Atrophy.
4. Primary open angle glaucoma.
5. Chemical injuries.
6. Vitreous hemorrhage.
7. Ptosis and its types.

V Write any **TWO** essays of the following: (2 x 10 = 20)

1. Proptosis.
2. Bacterial corneal ulcer.
3. Anterior Uveitis.

(Sl.No. M22223)