

Sl.No. M23047

Course Code : 161023T01

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

THIRD MBBS DEGREE EXAMINATION – October 2020

PART I

OPHTHALMOLOGY

SECTION A

Time: Fifteen Minutes

Maximum: 15 marks

Register Number :

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Signature of the candidate

Signature of the Invigilator

Instructions to the candidates

- 1. Write your Register Number and sign at the place specified on the first page of this Question Booklet.**
- 2. Do not open this question booklet until Invigilator announces the commencement of the examination.**
- 3. Answer ALL the Fifteen questions. They carry equal marks. No negative marking for wrong answers.**
- 4. Answers should be marked legibly in the SHEET provided in capital letters.**
- 5. THE QUESTION BOOKLET SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL.**
- 6. Questions should not be copied and taken out of the Examination Hall. Any one found violating this rule shall not be permitted to write the examination and shall be sent out of the Hall.**
- 7. At the end of 15 minutes, when the Invigilator announces 'STOP WRITING' you must stop writing immediately. If the candidate tries to attempt to answer the questions after the prescribed time, their answer script becomes invalid.**
- 8. Hand over the questions booklet containing answer sheet to the invigilator when you finish answering or immediately after 15 minutes.**

OPHTHALMOLOGY

SECTION-A (15X1-15 MARKS)

(Multiple choice questions)

Time: Fifteen Minutes

Maximum: 15 marks

Select the most appropriate answer and answer in the answer sheet attached:

1. Concave lenses are prescribed for the following refractive error
 - A. Myopia
 - B. Hypermetropia
 - C. Presbyopia
 - D. None of the above.
2. Anisometropia means
 - A. Myopia in both eyes
 - B. Hypermetropia in both eyes
 - C. Perception of two different sizes of image in both eyes
 - D. Dissimilar dioptric power of refractive error between the eyes.
3. The following organs have no blood supply.
 - A. Crystalline lens
 - B. Cornea
 - C. Both a and b
 - D. None of the above
4. Following are the indications for keratoplasty except
 - A. Advanced keratoconus
 - B. Psuedophaki bullous keratoplasty
 - C. Leukemia of cornea
 - D. Pathological myopia
5. Mutton fat keratic prescriptates are seen in the following condition
 - A. Acute iridocyclitis
 - B. Tuberculous uveitis
 - C. Fuch's hetrochromatic uveitis
 - D. None of the above

(p.t.o.)

6. Festooned pupil is a sign of
 - A. Acute iridocyclitis
 - B. Melanoma
 - C. Chronic uveitis
 - D. None of the above

7. Most common causes for blindness are the following except
 - A. Senile cataract
 - B. Age related macular degeneration
 - C. Primary open angle glaucoma
 - D. Toxic amblyopia

8. A true diabetes is also known as
 - A. Sunflower cataract
 - B. Rosette cataract
 - C. Snow storm cataract
 - D. Coronary

9. Chalazion is chronic inflammatory of
 - A. Meibomian gland
 - B. Zeis gland
 - C. Moll's gland
 - D. Wolfring gland

10. Symptoms of age related macular degeneration (ARMP) are except
 - A. Macropsia
 - B. Micropsia
 - C. Metamorphsia
 - D. Night blindness

11. Flexner – Wintersteiner rosette on histopathology is seen in
 - A. Melanom
 - B. Squamous cell
 - C. Retina blastoma
 - D. Hemangioma

12. Siderosis bulbi is due to
- A. Chronic uveitis
 - B. IRON – intra ocular foreign body
 - C. Retinal detachment
 - D. Lens induced glaucoma
13. Swimming pool conjunctivitis is caused by
- A. Bacteria
 - B. Fungi
 - C. Algae
 - D. Acanthamoeba.
14. The most common IOL implanted after cataract surgery is
- A. Anterior chamber IOL
 - B. Posterior chamber IOL
 - C. Iris fixation IOL
 - D. Sclera fixation IOL
15. Which of the following conditions has good prognosis for visual recovery
- A. Papilloedema
 - B. Toxic amblyopia
 - C. Optic Neuritis
 - D. Optic atrophy

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**THIRD MBBS DEGREE EXAMINATION – October 2020
PART I**

OPHTHALMOLOGY

Time : Three hours

Maximum : 80 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 15 marks – 15 minutes to be handed over to the invigilator immediately after 15 minutes

Answer Section B in the same answer book

Time : 2 hours 45 minutes

SECTION – B

Maximum : 65 marks

I. Write essays on :

(2 x 15 = 30)

1. Define refractive error. Mention the types and describe in detail etiology, clinical features and management of myopia and fundus findings.
2. Definition, classification, clinical features and management of endophthalmitis.

II. Short notes on :

(5 x 5= 25)

3. Sympathetic ophthalmia
4. Angular conjunctivitis
5. Keratoconus
6. Treatment modalities for diabetic retinopathy.
7. Optic neuritis

III. Answer briefly on :

(5 x 2 = 10)

8. Amblyopia – two causes
9. Layers of tear film.
10. Name four preventable blindness conditions
11. Trichiasis – Definition, two causes
12. Name two conditions in which you see hard exudates in the retina.
