

2206000103010101
EXAMINATION DECEMBER 2024
BACHELOR OF MEDICINE AND BACHELOR OF SURGERY
(THIRD PART-1)
OPHTHALMOLOGY (NEW) - LEVEL 1

[Time: As Per Schedule]

[Max. Marks: 100]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (THIRD PART-1)**
- b. Name of the Subject : **OPHTHALMOLOGY (NEW) - LEVEL 1**
- c. Subject Code No : **2206000103010101**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.
5. Write legibly and draw diagrams with black pencil wherever indicated.
6. Use a separate answer book for each section.
7. Question having parts should be answered as a whole, at one place only.

Seat No:

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

Student's Signature

SECTION 1

Q.1 Describe the etiology, clinical features & Management of Fungal Corneal ulcer **10**

Q.2 Answer any one of the following case histories **10**

1. A 15 year old male came to Ophthalmic OPD with complaint of swelling on upper lid of right eye since 2 days. Swelling is red, tender and situated at lid margin.

- i. What is a probable diagnosis? What are the predisposing factors for The same.
- ii. Describe the management for the same.
- iii. Write the differential diagnosis of the condition.

OR

2. A 65 year old male presents to Ophthalmology clinic with markedly defective vision for near and far in left eye. Clinical examination revealed a wide and deep anterior chamber, iridodonesis and jet black pupillary reflex in left eye and senile immature cataract in right eye.

- i. What is the probable diagnosis for left eye?
- ii. Mention 3 causes which can lead to this condition.
- iii. Describe the treatment modality.

Q.3 Write short notes on any four of the following: 20

1. Modes of transmission and management of acute bacterial Conjunctivitis
2. Describe the pathogenesis and clinical features of senile ectropion.
3. Modalities of management of Myopia.
4. Write in short about types of staphyloma.
5. Rehabilitation of the blind.

Q.4 Answer any five of the following: 10

1. Schirmer's test for Dry eye
2. Enumerate all the glands present in Eye lids.
3. Enumerate four causes of watering of eyes.
4. Clinical features of pterygium.
5. Enumerate two corneal signs of Keratoconus,
6. Draw a neatly labeled diagram of Strum's conoid for Astigmatism.

SECTION 2

Q.1 Define cataract. Write morphological classification of cataract. Describe stages of maturation and modalities of management of senile cataract. 10

Q.2 Answer any one of the following case histories: 10

1. A 40 year old female presents to the eye OPD with bilateral Proptosis from 2 months associated with weight loss, palpitation and an excessive sweating.
 - i. What is the probable diagnosis?
 - ii. Enumerate four causes of Unilateral Proptosis.
 - iii. What other associated Eye signs can be seen in such condition?

OR

2. A 48 year old diabetic male patient presented to eye OPD with complaints of sudden painless dimness of vision in Right eye since 1 day. His vision in RE is - finger counting at 1 meter, with perception of light and projection of rays present in all quadrants. Vision in LE is 6/36 not improved with pinhole. Ophthalmoscopic examination is suggestive of vitreous hemorrhage in RE and proliferative diabetic retinopathy in LE.

- i. Enumerate two causes of vitreous hemorrhage?
- ii. Write ETDRS classification for diabetic retinopathy.
- iii. Which other eye diseases are associated with Diabetes?

Q.3 Write short notes on any four of the following:

20

1. How will you counsel a 50 years old patient with both eyes primary open angle Glaucoma regarding method of putting eye drops, progression of disease and required follow ups?
2. How will you counsel a 35 years old patient who has been presented with dimness of vision in both eyes and diagnosed with Retinitis pigmentosa just now?
3. Signs of Anterior Uveitis.
4. Clinical features of acute congestive glaucoma.
5. Maddox Rod Test.

Q.4 Answer any 5 of the following:

10

1. Enumerate four causes of Optic Neuritis.
2. Enumerate types of intra ocular lenses- Based on method of fixation in the eye.
3. Mention the functions of Superior oblique muscle.
4. Enumerate four causes of retinal detachment.
5. Mention merits and limitations of phacoemulsification.
6. Enumerate four ophthalmoscopic signs of Hypertensive retinopathy.
