



RAN-2206000103010101

T. Y. MBBS (Part - I) Examination April - 2023

Ophthalmology

Time: 3 Hours |

[Total Marks: 100

સૂચના : / Instructions

- (1) નીચે દર્શાવેલ ❖ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of ❖ signs on your answer book

Name of the Examination:

T. Y. MBBS (Part - I)

Name of the Subject :

Ophthalmology

Subject Code No.: 2206000103010101

Seat No.: _____

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Student's Signature _____

- (2) Total marks of a question are mentioned on the right side.
- (3) Write legibly and draw diagrams with black pencil wherever indicated.
- (4) Use a separate answer book for each section.
- (5) Question having parts should be answered as a whole, at one place only.

SET - 3

SECTION - 1

- Q. 1.** Describe the anatomy of the Lacrimal Apparatus using a neatly labeled diagram. Describe tear film. Write various causes of Dry eyes. (3+4+3) **(10)**
- Q. 2. Answer any one of the following case histories :** **(10)**
1. A 15-year-old male came with a complaint of lid swelling which was painless, round in shape in upper lid. He said it was there since 20 days. On examination, it was found 2 mm away from lid margin and was non-tender.
- i. What can be a diagnosis of the swelling? From which structure does it arise? **(2)**
- ii. Describe the management in detail, keeping in mind modalities of treatment. **(4)**
- iii. Write a differential diagnosis of the condition. **(2)**

OR

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[P.T.O.]

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1. A fifty-year-old Tailor has difficulty in his work and complains of headache off and on . His anterior segment of eyes is normal. His near vision is N 36 at distance of 20 cms. Answer the following questions regarding this case:
 - i. What can be the diagnosis? (2)
 - ii. What is the treatment of the condition? (2)
 - iii. Define aphakia and write its causes and treatment (2 + 2 + 2)

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

1. Enumerate types of scleritis. Write its management. (2.5 + 2.5)
2. Describe Light reflex. (5)
3. Define Pterygium. Write various modalities of its treatment. (1 + 4)
4. Describe the complications of ECCE surgery. (5)
5. Mention the causes of preventable blindness. Mention the causes of corneal blindness. (2.5 + 2.5)

Q. 4. Answer any five of the following : (20)

1. Describe Jones tests.
2. Draw a neatly labeled diagram of angle of anterior chamber.
3. Enumerate different types of blocks given in cataract surgery. Describe various types of IOLs
4. Classification of Ptosis.
5. Describe how is visual acuity testing done in various age groups.
6. Write a flow chart of the visual pathway.

SECTION - 2

- Q. 1. Mention various methods of ECCE surgery. Write indications of intra capsular cataract extraction(ICCE). Describe Hydro procedures in ECCE. Write about various materials of IOLs (3 + 2 + 3 + 2) (10)**

Q. 2. Answer any one out of the following : (10)

1. A 2 month old baby is brought to Ophthalmic OPD with mother complaining of baby not able to see with both the eyes, on examination there is bilateral megalocornea which is cloudy. Answer the following questions regarding the case.
 - i. What is probable diagnosis. (2)
 - ii. Define megalocornea . Enumerate causes of Deep AC? (2 + 2)
 - iii. Mention congenital anomalies of human eyes (4)

2. A 40 years female presents to the eye OPD with a history of bilateral eye pain, redness, double vision of 2 days duration and lid retraction, protrusion, staring and frightened look of both the eyes.
- What is your probable clinical diagnosis? (3)
 - How will you confirm the diagnosis? (2)
 - How will you treat the condition? (3 marks)
 - What are the causes of pseudoproptosis. (2)

Q. 3. Write short notes on any 4 of the following : (20)

- How will you counsel a patient who has end-stage Open angle glaucoma. (5)
- Write a reflection on your experience Self directed learning in Ophthalmology (5)
- Define Clinically significant macular oedema. (5)
- Write ophthalmic manifestations of HIV disease. (5)
- Write at least five differences between immature and mature senile cataract. (5)

Q. 4. Answer any 5 of the following : (10)

- What is pan uveitis? Give one example of a condition where it occurs
 - Write signs of blow out fracture .
 - Mention the actions of Right superior rectus muscle.
 - Define anisometropia.
 - Write sequelae of chronic Iridocyclitis
 - Causes of Papilledema.
- _____