

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc. Med. Sci. Examination April-2022-23

Year: 3

Subject Code: 19112302

Subject Name: Optometry II

Date: 13/04/2023

Time: 10:00 am to 1:00 pm

Total Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1(A): Answer the following questions in details (2 out of 3) (Each worth 7.5 marks) 15 marks**
- (i) Draw a labeled diagram showing layers of retina and explain the ETDRS classification for diabetic retinopathy
 - (ii) Xerophthalmia
 - (iii) Describe the Etiology, Clinical features & Treatment of Internal & External hordeolum
- Q.1(B): Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
- (i) Full form of MICS
 - (ii) Define: Intermediate Uvietis
 - (iii) What is Coronary Cataract?
 - (iv) Mention two causes of Ptosis.
 - (v) Mention two uses of Vitamin C in Ophthalmology.
 - (vi) What is Hydrodelineation
 - (vii) What is Marcus gunn pupil?
- Q.2(A): Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15 marks**
- (i) Draw a labeled diagram depicting anatomy of upper eyelid.
 - (ii) Describe any five complications after cataract surgery.
 - (iii) Pterygium
 - (iv) Types of Retinal detachment
 - (v) Acute-angle closure glaucoma
- Q.2(B): Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
- (i) Full form of DAMA
 - (ii) Two causes of Poliosis
 - (iii) What is Second sight?
 - (iv) Two causes of Hamaropia
 - (v) Name two drugs used in trachoma.
 - (vi) Two uses of Atropine
 - (vii) Define Ectropion
- Q.3: Write a detailed note on the following (2 out of 3) (Each worth 7.5 marks) 15 marks**
- (i) Chemical Ocular Injury
 - (ii) Steps of SICS with instruments used
 - (iii) Explain in detail Amblyopia
- Q.4: Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15 marks**
- (i) Uses of 26G needle in ophthalmology
 - (ii) Post-operative management after cataract surgery
 - (iii) Describe causes for sudden and gradual painless loss of vision
 - (iv) Retinoscopy - Principle and its uses
 - (v) Describe the symptoms and signs of VKC