

MODEL QUESTION PAPER  
OPHTHALMIC TECHNICIAN  
SPECIAL LENS GRINDING, DISPENSING OF SPECTACLES  
SECOND YEAR PAPER-I

Time: 3 Hours

Max. Marks: 50

Section – A

Note: (i) Answer all the Questions  
(ii) Each question carries 2 marks

10x2 = 20

1. What are the types of lenses?
2. Write about principles of grinding
3. What is bifocal grinding?
4. What is cylindrical grinding?
5. How do you do prismatire lens Grinding?
6. What are the aberrations & base curves?
7. What are the aphakie glasses? (How do you grind?)
8. What is the importance of intrapupillary distance?
9. Write about protective glasses.
10. How do you take trial of lenses and frames.

Section – B

Note: (i) Answer 5 Questions  
(ii) Each Question carries 6 marks

5 x 6 = 30

11. Write about ingredients of Materials.
12. Write about Bifocals & Multifocal requirements
13. Write about frame types and specific indications.
14. How do you do Bifocal fitting?
15. Write about focimeter
16. Write about faces & related spectacles measurements
17. Write about dispensing of cylindrical lenses.



MODEL QUESTION PAPER  
OPHTHALMIC TECHNICIAN

PHYSICAL & PHYSIOLOGICAL ASPECTS OF OPTICS

1<sup>st</sup> YEAR PAPER – II

Time: 3 Hours

Max. Marks : 50

Section – A

Note: (i) Answer all the Questions                      10x2 = 20  
(ii) Each question carries 2 marks

1. Write about principles of Refraction
2. Comment of Eye as refractive apparatus
3. What is Myopia
4. What is Hypermetropia
5. What is Pseudophakia
6. Write about ophthalmic glasses
7. Write about Astigmatic lenses
8. What are the optical aberrations?
9. What is presbyopia
10. What is prismatic effect?

Section – B

Note: (i) Answer 5 Questions                                      5 x 6 = 30  
(ii) Each Question carries 6 marks

11. Write about principles and practice of Retinoscopy
12. Management of Myopia
13. Write about Hypermetropia and its correction
14. How do you prescribe glasses.
15. Write about low Visual Aid.
16. Write about Prisms and its uses
17. Write about contact lenses

MODEL QUESTION PAPER  
OPHTHALMIC TECHNICIAN

COMMUNITY OPHTHALMOLOGY & HEALTH EDUCATION

1<sup>st</sup> YEAR PAPER – III

Time: 3 Hours

Max. Marks : 50

Section – A

Note: (i) Answer all the Questions 10x2 = 20  
(ii) Each question carries 2 marks

1. What is conjunctivitis?
2. What is Cataract.
3. Signs of Vit.A deficiency.
4. Mention important refractive errors
5. What is incidence of disease
6. What is epidemics
7. What are the causes of blindness in India
8. What are the reading problems in Children
9. What are the specific measures to prevent injuries?
10. What is blindness?

Section – B

Note: (i) Answer 5 Questions 5 x 6 = 30  
(ii) Each Question carries 6 marks

11. What is Glaucoma & write about symptoms & signs & management
12. Write about Eye donation
13. Screening and survey of the school children.
14. How do you conduct Eye Camps in Rural area?
15. What are the Governmental & Non-Governmental agencies serving in the field of Ophthalmology.
16. What are the Eye diseases due to nutritional disorders?
17. Write about Examination of Eye.

MODEL QUESTION PAPER  
OPHTHALMIC TECHNICIAN

COMMON OCULAR DISEASES, SPECIAL INVESTIGATIONS

2<sup>ND</sup> YEAR PAPER – II

Time: 3 Hours

Max. Marks : 50

Section – A

Note: (i) Answer all the Questions 10x2 = 20  
(ii) Each question carries 2 marks

1. Name some lid infections
2. What is subconjunctival hemorrhage & causes
3. What are the Allergic conditions of Eye
4. Corneal Ulcer types.
5. How do you take conjunctival smear for c/s
6. How do you measure Intraocular pressure (IOP)
7. How do you test for colour vision
8. What is Epilation?
9. What is Syringing & how do you perform
10. Importance of fluorescein staining

Section – B

Note: (i) Answer 5 Questions 5 x 6 = 30  
(ii) Each Question carries 6 marks

11. Write about Cataract Disease and investigations
12. Write about Glucoms and Management
13. What are the post operative complications of Cataract surgery
14. How do you record visual fields
15. What are Minor OT theatre procedure?
16. Pre operative and Post operative instructions of Eye Surgery?
17. How to achieve asepsis and sterilization of Operation theatre?

MODEL QUESTION PAPER  
OPHTHALMIC TECHNICIAN

REFRACTIVE ERRORS, MAINTENANCE OF EQUIPMENTS

2<sup>ND</sup> YEAR PAPER – III

Time: 3 Hours

Max. Marks : 50

Section – A

Note: (i) Answer all the Questions                      10x2 = 20  
(ii) Each question carries 2 marks

1. What is the importance of Visual Acuity with Pinhole?
2. Write about symptomatology & Management presbyopia
3. What is the importance of colour vision
4. What is Aphakia and correction
5. What is Squint?
6. Parts of slitlamp
7. Keratometer uses.
8. Name some surgical instruments
9. Ophthalmoscope and its uses.
10. What is focimeter and its uses?

Section – B

Note: (i) Answer 5 Questions                                      5 x 6 = 30  
(ii) Each Question carries 6 marks

11. Contact lens prescription and practice.
12. Visual Acuity charting for distance, near.
13. How do you maintain Medical Records.
14. Write about Symptomatology & Management of Myopia.
15. Explain about trial set.
16. What is the importance of Statistics?
17. Write about Symptomatology and Management of Hypermetropia.