MODEL QUESTION PAPER
OPTHALMIC TECHNOLOGY

SPECTACLE 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 **10 x 2 = 20m**

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 prismatre lens Grinding?
6. What are the aberrations & base curves?
7. What are the aphakic glasses? What is the importance of intrapupillary distance?
8. Write about protective glasses.
9. 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 = 30m**

1. Write about ingredients of Materials.
2. Write about Bifocals & Multifocal requirements.
3. Write about frame types and specific indications.
4. How do you do Bifocal fitting?
5. Write about focimeter.
6. Write about faces & related spectacles measurements.
7. Write about dispensing of cylindrical lenses.
8. What are the advantages and disadvantages of Progressive lenses?

MODEL QUESTION PAPER
OPTHALMIC TECHNOLOGY

COMMON OCULAR DISEASES & PRIMARY OPERATION THEATRE PROCEDURES

SECOND YEAR PAPER – II

Time: 3 Hours **Max. Marks: 50**

Section – A

Note: (i) Answer All the Questions
(ii) Each question Carries 2 marks **10 x 2 = 20m**

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 fluoroscien staining.

Section – B

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

1. Write about Cataract disease and investigations.
2. Write about Glaucoma and Management.
3. What are the post operative complications of Cataract Surgery?
4. How do you record visual fields.
5. What is Minor OT theatre procedure?
6. Pre-operative and post operative instructions of Eye Surgery?
7. How to achieve asepsis and sterilization of Operation theatre?
8. Write about sub-conjunctival Hemmorage?

MODEL QUESTIONS PAPER
OPTHALMIC TECHNOLOGY

REFRACTIVE ERRORS, MAINTENANCE OF INVESTIGATIVE INSTRUMENTS & EQUIPMENT

SECOND YEAR PAPER – III

Time: 3 Hours **Max. Marks: 50**

Section – A

Note: (i) Answer All the Questions
(ii) Each question Carries 2 marks **10 x 2 = 20m**

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 Slit lamp.
7. Keratometer uses.
8. Name some surgical instruments.
9. Ophthalmoscope and its uses.
10. What are foci meter and its uses?

Section – B

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

1. Contact lens prescription and practice.
2. Visual Acuity charting for distance, near. / How to check distance Near
3. How do you maintain Medical Records?
4. Write about Symptomatology & Management of Myopia.
5. Explain about trial set.
6. What is the importance of Statistics?
7. Write about Symptomatology and Management of Hypermetropia.
8. Write about Aphakia?