Time : 3.00 Hrs.   **[Max. Marks : 100]**

Ocular Diseases and Diagnostics
Q.P Code : M2240

Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.

LONG ESSAY   **2 X 20 = 40 Marks**

1. What is keratoplasty? Discuss the types, indications and complications of Keratoplasty

2. Describe the ocular manifestations of blunt injury.

SHORT ESSAY   **6X 10 = 60 Marks**

3. Describe the visual field defects in Primary open angle Glaucoma.

4. What is pterygium? What are the various methods of treatment of pterygium?

5. Discuss Pentacam.

6. Classify retinal detachment. Discuss the clinical features of rhegmatogenous retinal detachment.

7. Discuss VEP.

8. Write a note on GDx.

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Master of Optometry (Semester-II)

September 2023   Examination   **[Max. Marks :100]**

Time : 3 Hrs.

Advanced Contact Lens-I
Q.P Code : M2250

Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.

LONG ESSAY   **2 X 20 = 40 Marks**

1. Explain the factors responsible for maintaining the corneal transparency.

2. What are the parameters and techniques in evaluating RGP lens fit ?

SHORT ESSAY   **6X 10 = 60 Marks**

3. Write a note on material of contact lens

4. Describe morphology of contact lens with diagram

5. What are the advantages of contact lens over spectacles

6. Illustrate the morphology of contact lens and mention the advantages of contact lens over spectacles

7. Describe optics of contact lens

8. Discuss Extended wear contact lenses.

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Master of Optometry (Semester-II)

September 2023   Examination   [Max. Marks :100]

Time : 3 Hrs.

Paediatric Optometry & Binocular Vision
Q.P Code: M2260

Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.

LONG ESSAY   **2 X 20 = 40 Marks**

1. Discuss Binocular single vision. Stages of development of BSV. How to determine BSV?

2. Describe the aetiology, Types, clinical features, and management of Amblyopia .

SHORT ESSAY   **6X 10 = 60 Marks**

3. Discuss assessment of Stereopsis in Infants and its developmental relation to visual acuity

4. Discuss Accommodation and Convergence in infants.

5. Describe the clinical types of nystagmus and management.

6. Discuss the assessment of Exodeviations

7. Discuss ocular zoonosis

8. Colour vision assessment in paediatric patient.

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Master of Optometry (Semester-II)
Examination   **[Max. Marks :100]**

Time : 3 Hrs.

Research Methodology & Statistics
Q.P Code : M2280

Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.

LONG ESSAY   **2 X 20 = 40 Marks**

1. Define variation. Mention 3 measures of variation. Calculate standard deviation and coefficient of variation for the data on age of patients 58, 62, 60, 55, 65,65,78,60,62,65
2. Classify epidemiological study designs. Describe the steps in conducting a cross-sectional study.

SHORT ESSAY   **6X 10 = 60 Marks**

3. Explain procedure of Simple Random Sampling
4. Describe types of data. Differentiate Primary and Secondary data with relevant examples.
5. Explain Graphical and diagrammatic data presentation of data with examples.
6. Describe the basic structure of a Research report/manuscript.
7. Classify test of significance with examples and mention the assumption involved
8. Describe Questionnaire as a method of data collection. Mention its Merits and Demerits.

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