REV-01
BOP/46/51

2025/12

SET B

BACHELOR OF OPTOMETRY
FIRST SEMESTER
INTRODUCTION TO OPTOMETRY
BOP-107

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins. **Full Marks: 35**

(Objective)

Time: 15 mins. **Marks: 10**

Choose the correct answer from the following: ***1×10=10***

1. The best test for detecting diabetic retinopathy:
   a. Visual acuity test
   b. Fundus examination
   c. Tonometry
   d. Colour vision test

2. Glaucoma is mainly caused by:
   a. Increased intra ocular pressure
   b. High blood sugar
   c. Infection of cornea
   d. Uncorrected refractive error

3. Optometry is primarily concerned with:
   a. Diagnosis and treatment of systemic diseases
   b. Vision care and correction of refractive errors
   c. Performing eye surgeries
   d. Manufacturing spectacles

4. Which of the following is NOT a scope of optometry?
   a. Detection of eye diseases
   b. Performing eye surgeries
   c. Refraction and prescribing eyeglasses
   d. Designing spectacles and contact lenses

5. Presbyopia is corrected with:
   a. Concave lenses
   b. Convex lenses
   c. Cylindrical lenses
   d. Aspheric lenses

6. World Optometry Day is celebrated on:
   a. March 23
   b. April 17
   c. May 23
   d. June 10

7. What is the unit of measurement for refractive error?
   a. Diopter
   b. Millimeter
   c. Degree
   d. Micron

8. Which eye condition can be corrected by wearing contact lenses?
   a. Cataract
   b. Myopia
   c. Color blindness
   d. Keratoconus

9. Which device is commonly used to help patients with low vision?
   a. Retinoscope
   b. Tonometer
   c. Magnifier
   d. Ophthalmoscope

10. Occupational optometry deals with:

a. Eye disease only
b. Vision care related to work environment
c. Child Vision care
d. Eye surgery

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Descriptive

Time : 1 hr. 15 mins. **Marks : 25**

[Answer question no.1 & any two (2) from the rest]

1. Define Binocular Single Vision and explain the different grades of binocular single vision. 5
2. Explain the types, causes, clinical features and management of the common refractive errors myopia and hypermetropia. 10
3. Write short note about low vision aids. Write the difference between soft and RGP contact lens. 5+5=10
4. Discuss about the primary eye care and its services. 10
5. Discuss about the rights and responsibilities of optometry. 10

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