

**B.Sc. (HONS) IN OPTOMETRY AND
OPHTHALMIC TECHNIQUES**

Term-End Examination

December, 2011

BOS-014 : OPTOMETRY FOR SPECIFIC GROUPS

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions.

All carry equal marks.

1. Describe the structural changes that occur in the eyelids, conjunctiva and cornea in old age.
2. Discuss the routine optometric and ocular examination in an elderly individual.
3. Describe diagrammatically the development of the eye from primitive tissue to the stage of the Optic Vesicle.
4. Differentiate between :
 - (a) Mature and Immature Senile Cataract
 - (b) Open angle glaucoma and Angle closure glaucoma

5. (a) Enlist the various common systemic diseases of old age affecting the eyes.
(b) Describe the signs, symptoms and management of any one of them.
 6. Describe Visual Acuity Testing in Children.
 7. Write short notes on :
 - (a) Congenital Cataract
 - (b) Retinopathy of Prematurity (ROP)
 8. Describe considerations for prescribing spectacles in children including their technical aspects.
 9. Define Occupational Optometry. Discuss the role of an Optometrist in Occupational Health.
 10. Describe in brief the Occupational safety and Health Association (OSHA) guidelines.
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