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Total No. of Printed Pages: 1

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B.Sc. Optometry (Semester – 6th)
SYSTEMIC CONDITION & THE EYE
Subject Code: BOPTS1601
Paper ID: 20131826

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. Characteristics of benign and malignant neoplasms?
- b. Write the grading and staging of cancer?
- c. Physiology of the thyroid gland?
- d. What is retinoblastoma?
- e. How is papilloedema typically diagnosed?
- f. Which diagnostic test is typically used as the initial screening tool for pulmonary TB?
- g. Write the treatment of tuberculosis involving in the eye?
- h. What are drusen and genetic disorders and the eye?
- i. Write clinical features of diabetic mellitus?
- j. Define phacomatoses and it's causes in the eye?

Section – B

(5 marks each)

Q2. Classification of Hypertensive Retinopathy?

Q3. Risk factor for Diabetic Retinopathy?

Q4. Causes, clinical features and management of papilloedema?

Q5. Classification of thyroid disease? Clinical features, management of thyroid disease involving in eye?

Q6. Anatomy and pathophysiology: Arthritis, eye and connective tissues diseases?

Section – C

(10 marks each)

Q7. Pathogenesis and classification of diabetic retinopathy?

Q8. Write about ocular manifestations of vitamin 'A' deficiency?

Q9. Write short notes on:-

- a) Tropical diseases and the eye
- b) Leprosy and syphilis