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Total No. of Questions: [09]

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B.Sc. (Optometry) (Semester – 3rd)
BINOCULAR VISION & OCULAR MOTILITY
Subject Code: BOPTS1302
Paper ID: [20131812]

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) Worth four dot test
- b) Cardinal directions of gaze
- c) Angle Kappa
- d) Forced duction test
- e) Hypertropia
- f) Maddox rod
- g) Brucker's test
- h) Near point of accommodation
- i) Difference between exophoria and exotropia
- j) What is after image test.

Section – B **(5 marks each)**

- Q2. Explain Lee's/ Hess screen
- Q3. Explain Duane's retraction syndrome and its types
- Q4. Explain Prism bar cover test
- Q5. Explain AC/A ratio
- Q6. Explain Accommodation facility? How to measure it?

Section – C **(10 marks each)**

- Q7. What is accommodative insufficiency? What are the signs, symptoms and optometric management of this condition?
- Q8. What are the different extraocular muscles? Briefly describe their anatomy, function and nerve supply.
- Q9. What are the grades of binocular vision? Tests for stereopsis.