

**COURSE CODE - 4060205**  
**DIPLOMA EXAMINATION – JAN 2009**  
**DOPT**  
**PRACTICE OF REFRACTION**

**(For Candidates Admitted From Calendar 2007 Onwards)**

**Time: 3 Hours**

**Max Marks: 75**

**Section – A**

**Answer all the Questions:**

**15 X 1 = 15**

1. What is neutralization in Retinoscopy
2. What drug you will use to do retinoscopy in children above 5 years
3. What is Astigmatism?
4. What is diochrome test?
5. What is the use of Jackson's cross cylinder?
6. Define Myopia
7. Define Presbyopia
8. What is accommodation?
9. In which condition presbyopia starts late?
10. What are the types of contact lens?
11. What is Heterotropia?
12. Define Amblyopia
13. Name few low vision Aids
14. Define Hypermetropia
15. What lens is used in presbyopia?

**Section B**

**Answer any Five Questions:**

**5 X 6 = 30**

16. a. Explain the theory and practice of Retinoscopy  
(Or)  
b. Explain the objective and subjective verification of refraction.
17. a. Explain accommodation. Brief about Ac/A Ratio.  
(Or)  
b. Explain Astigmatism.
18. a. Fitting of contact lens.  
(Or)  
b. Explain Keratometer and its uses.
19. a. Indication of low vision Aids  
(Or)  
b. Uses of low vision Aids
20. a. Worth four dot test and its uses.  
(Or)  
b. Cross cylinder and its uses.

**Section C**

**Answer any Two Questions:**

**2 X 15 = 30**

21. Anatomy and Physiology of binocular vision – Explain
22. What is the treatment of Amblyopia
23. What is the Principles of therapy in Squint
24. Explain Myopia
25. Explain Presbyopia.