

**FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI**  
**SCHOOL OF HEALTH TECHNOLOGY**  
**DEPARTMENT OF OPTOMETRY**  
**HARMATTAN SEMESTER 2011/2012 EXAMINATION**  
**OPT 507: LOW VISION - 2 UNITS**  
**INSTRUCTION: ANSWER A TOTAL OF 4 QUESTIONS, 2 FROM EACH**  
**SECTION**  
**TIME ALLOWED: 2HRS**

**SECTION A**

1. Give five pathological conditions that can lead to low vision. Explain how each could cause low vision
2. Give two refractive conditions and three congenital conditions that could constitute etiological factors of low vision. In each case, outline the processes that would lead to low vision.
3. Define low vision. Enumerate and explain the types of help available for low vision patients

**SECTION B**

1. (a) What is Magnification? State ways in which magnification may be achieved in low vision practice, discuss one  
  
(b) If a patient has a 20/400 best corrected acuity at 40cm, at what distance must the near test card be brought to enable him read the 20/20 line. State the type and magnitude of magnification achieved by this.
2. Write notes on the following:  
(a) Non Spectacle aids  
(b) Simple magnifiers
3. (a) List the types of Ocular Prosthesis you know  
  
(b) State the functions of an ocular prosthesis and indications for use.