



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF EDUCATION  
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SPECIAL NEEDS  
EDUCATION- SPECIAL NEEDS EDUCATION  
2019/2020 ACADEMIC YEAR  
4<sup>TH</sup> YEAR  
MAIN CAMPUS SPECIAL RESIT**

---

**COURSE CODE: ESE413**

**TITLE: LOW VISION**

**DATE:**

**TIME:**

**INSTRUCTIONS**

- 1. This paper contains FIVE (5) questions**
- 2. Answer question 1 (Compulsory) and ANY other 2 Questions**
- 3. Write all answers in the booklet provided**

**Question ONE IS COMPULSORY: Answer all questions in this section (30) marks**

**SECTION ONE**

**Question 1**

- 1 (a) Differentiate between total blindness and functional Blindness. **(4 marks)**
- (b) Outline five categories of Visual Impairment as per categorization by world Health organization **(5 Marks)**
- (c) What information is the class teacher likely to provide in relation to a child's visual functioning **(6 Marks)**
- (d) Outline five considerations which should be taken before giving a learner low vision device **(5 Marks)**
- (e) Give reasons for carrying out visual acuity testing **(4 Marks)**
- (f) Define four classroom environment adaptations a teacher of low should consider for Low vision learners **(4 Marks)**
- (g) What does visual acuity 6/18 means? **(2 Marks)**

**SECTION TWO**

**Question 2**

Discuss the placement of low vision child in a classroom and materials which should be adapted for the learners. **(20 Marks)**

**Question 3**

Discuss the type of low vision devices used by low vision learners. **(20 Marks)**

**Question 4**

Discuss the developmental Scales of visual development in the average normal child from birth to mature visual functioning **(20 Marks)**

**Question 5**

Discuss Categorization Developed and Used in Kenya guided by a survey that was conducted in 1994 by the Low Vision Project – Kenya. **(20 Marks)**