



**THE CATHOLIC UNIVERSITY OF EASTERN AFRICA**  
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**GABA CAMPUS - ELDORET**

**MAIN EXAMINATION**

**SEPTEMBER – DECEMBER 2021 TRIMESTER**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF HUMANITIES**

**BACHELOR OF EDUCATION**

**GEO 401: REMOTE SENSING AND AERIAL PHOTO INTERPRETATION**

**Date:** December 2021

**Duration:** 2 Hours

**Instructions:** Answer Question **ONE** and any other **TWO** Questions

**QUESTION ONE**

- a) Describe the various stages in remote sensing and indicate the role played by each stage **(15 Marks)**
- b) With illustration, describe the different types of aerial photographs **(15 Marks)**

**QUESTION TWO**

Describe the basic principles of radiation as they relate to remote sensing

**(20 Marks)**

**QUESTION THREE**

Discuss in detail the application of remote sensing in Water Resources management

**(20 Marks)**

**QUESTION FOUR**

Explain the types of resolution in remote sensing

**(20 Marks)**

**QUESTION FIVE**

Describe different types of aerial cameras

**(20 Marks)**

**\*END\***