

EGERTON UNIVERSITY
DEPARTMENT OF GEOGRAPHY

GEOG 201: INTRODUCTION TO REMOTE SENSING & GIS

CAT I – (30 MARKS)

DATE: 16TH DECEMBER 2025

INSTRUCTIONS: ANSWER ALL QUESTIONS

1. "Remote sensing is both a technology and a process". Explain. **(7 Marks)**
2. Highlight the impact of the global wars in the development of Remote sensing technology. **(10 Marks)**
3. Identify the criteria for Mie and Rayleigh scattering in remote sensing. **(6 Marks)**
4. Explain the significance of **absorption** and **emission** on the earth surface in the remote sensing process. **(7 Marks)**