

**EGERTON UNIVERSITY**  
**DEPARTMENT OF GEOGRAPHY**

**GEOG 201: INTRODUCTION TO REMOTE SENSING & GIS**

**CAT I – (30 MARKS)**

**DATE: 16<sup>TH</sup> 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)**