COURSE CODE: ESM 392
COURSE TITLE: REMOTE SENSING
CREDIT: 2 Units
TIME ALLOWED: 2 Hours
Instruction: Attempt question number ONE (1) and any other THREE (3) questions. Question number one (1) carries 25 marks, while the other questions (15) each marks.

1. a. What is aerial photography? (**9marks)**
    b. Explain the following phenomena;
     i) Atmospheric scattering (**11marks)**
    ii) Atmospheric absorption. (**5marks)**

2. a. Discuss contrast enhancement. (**9marks)**
    b. Explain Density slicing. (**6marks)**

3. a. What are remote sensing platforms? (**4marks)**
    b. Discuss the types of remote sensing platforms. (**11marks)**

4. a. Explain Edge enhancement. (**11marks)**
    b. Explain Non-directional filters. (**4marks)**

5. Explain the types of aerial photographs (**15marks)**