

DEPARTMENT OF GEOGRAPHY
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
FEDERAL UNIVERSITY OF TECHNOLOGY MINNA
SECOND SEMESTER EXAMINATION 2010/2011 SESSION

COURSE CODE: GRY 226

COURSES TITLE: PRINCIPLES AND APPLICATION OF REMOTE SENSING

INSTRUCTION: ANSWER ANY FOUR QUESTIONS. CREDIT WILL BE AWARDED FOR USE OF RELEVANT EXAMPLES AND ILLUSTRATIONS.

TIME ALLOWED: 2 HOURS 30 MINUTES

1. Define the word remote sensing platform and describe the different types you know.
2. Discuss the statement that "Radiation that is not absorbed or scattered in the atmosphere can reach and interact with the earth's surface". (Anonymous)
3. With the aid of a well labeled diagram, describe the electromagnetic spectrum.
4. Explain the process of a satellite data reception, transmission and processing.
5. Discuss the elements of a remote sensing process from the beginning to the end.
6. Discuss any two application areas of remote sensing.