

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF GEOGRAPHY

SECOND SEMESTER EXAMINATION 2014/2015 UNDERGRADUATE EXAMINATION

COURSE CODE: REM 524

COURSE TITLE: HISTORY AND DEVELOPMENT OF REMOTE SENSING IN NIGERIA

INSTRUCTION: ANSWER ANY FOUR QUESTIONS ONLY

TIME ALLOWED: 2 ½hrs

1 (i) List three (3) National Space policy application Areas and also give examples of Areas/field of application

(ii) Explain briefly the mutual benefits derived by Nigeria Sat-1 being member of Disaster Monitoring Constellation (DMC) Satellites

2 How has the launching of NigeriaSat-2 and NigeriaSat-X in 2011 helped in Nigeria development policies and goals.

3 Discuss Nigeria Sat-1 under the following:-

-Grond resolution

-Sensors

-Life Span

-Any one case studies

4 Explain how NEMA utilizes space technology and Remote sensing Data in measuring up to its statutory function

5 Describe the complimentary roles played by NARSDA and NCRS Jos in environmental sustainability

6 (i) Give reasons why Remote Sensing/GIS is still finding its feet in Nigeria.

(ii) Discuss briefly on NigComSat

GOODLUCK