

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF PHYSICAL SCIENCES
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2015/2016 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 211P

TIME: 2 hours

COURSE TITLE: INTRODUCTORY CARTOGRAPHY (3 UNITS)

INSTRUCTION: Answer Question ONE (1) and any other two (2) Questions Credits will be given for proper usage of relevant illustrations and diagrams

1. (a) State the procedures to construct an automated contour map in chronological order using a named software.
(b) Write short notes on any **three** of the following:
 - i. Plans
 - ii. Charts
 - iii. Maps
 - iv. Scale
2. (a) What is cartography?
(b) Give an historical overview of cartography
3. List **six** cartographic instruments and discuss **four** qualities of good drawing surfaces needed in cartography
4. Write short notes on any **three** of the following:
 - a. Plane coordinates
 - b. Spherical coordinates
 - c. Prime meridian
 - d. Map production
 - e. Datum
5. Explain the various types of map symbols and state their importance