



NATIONAL OPEN UNIVERSITY OF NIGERIA

14/16, Ahmadu Bello Way, Victoria Island

SCHOOL OF SCIENCE AND TECHNOLOGY

October, 2013 Examination

Course Code: ACP301

Course Title: ARABLE CROP PRODUCTION

Course

Credit Unit: 2 CREDIT UNIT

Time: 2hrs

Instruction: ANSWER FOUR QUESTIONS IN TWO HOURS. QUESTION ONE IS COMPULSARY

Question One

- a) Classify annual crops according to taxonomic classes or groups/ uses.
- b) Using botanical and common names, list 5 annual crops.

Question Two

- a) List any two annual crops in each of the provided class
 - i) Cereals ii) Fibre iii) Legumes iv) Root/tuber
- b) List any two annual crops in each of the provided class Annual.(i) annual iii) perennial
- c) Write short note on the botany of maize

Question Three

- a) List any five climatic factors you would consider to set up a field of annual crops
- b) List any five soil factors you will consider in setting up a field of annual crops
- c) Write a short descriptive note on land preparation in crop production.

Question Four

Write a short note on the following cultural practices.

- a) Weeding b) mulching c) Thinning d) Supplying e) pruning f) staking

Question five

- a) List any three types of compound fertilizer
- b) Write out the full names of the mineral element that could be found in the fertilizer you have listed in a.
- c) Briefly described any four method of fertiliser application

Question Six

- a) List any five tools used in harvesting arable crops
- b) List any 3 primary processing practices in arable crop

c) Describe any five storage method or facilities in the storage of arable crops