



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION
SCHOOL OF AGRICULTURAL SCIENCES

Course Code: ACP301
Course Title: ARABLE CROP PRODUCTION
Time Allowed: 2 HOURS
Instructions: ATTEMPT ANY FOUR QUESTIONS IN

Question 1.

- a) Give a description of annual crops according to
(i) Longevity/life span (ii) Growth pattern/ crop architecture
(b) classify annual crops according to uses. (c) Use Scientific names only to list at least any two crops that can be propagated using (i) sexual and (ii) a-sexual processes.

Question Two

- a) List, (using the scientific names only of) any two arable crops in each category of uses.
b) List any two crops in the category of (i) annual (ii) bi-annual crops
c) Write short note on the following: (i) Sexual reproduction (ii) Asexual reproduction

Question Three

List any five climatic to be considered in setting up an arable field
List any five edaphic factors to be considered in setting up an arable field.
Explain the advantages of having a good seed bed preparation

Question four.

- a) Write a short explanatory note on each of the following
(i) Weeding.(ii) Mulching (iii) Thinning (iv) Supplying (v) Pruning (vi) Staking
(b) Any 2 groups of organisms causing plant diseases or reduction in crop yield.

Question five

List any four mineral fertilisers used in the production of arable crop.
b) Elements found in fertiliser

c) Describe four methods of fertiliser application

Question six

ai) Describe harvesting

aii) Four tools for harvesting b) List of four harvest indices c) Four primary processing methods.