

FEDERAL UNIVERSITY OF TECHNOLOGY, OVERRI
SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY
DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY
2015/2016 HARMATTAN SEMESTER EXAMINATIONS

COURSE TITLE: OLERICULTURE AND POMOLOGY

COURSE CODE: CST 507

TIME ALLOWED: 2 ¹/₂ HOURS

INSTRUCTION: ANSWER TWO QUESTIONS ONLY FROM SECTION A AND ONE EACH FROM SECTIONS B AND C

SECTION A

1. (a) Define floriculture/landscape gardening
(b) Distinguish between olericulture and pomology
(c) Discuss briefly, the origin of vegetables and explain what you understand by vegetables
(d) State three (3) examples of each of the following types of vegetables:
Leafy, runner, legume, fruit and underground vegetables (Scientific and English names only)
(e) Enumerate four (4) vegetables being grown for their petioles or fleshy bodies.
2. (a) Write short note on fruit and vegetable crop production systems
(b) State four (4) importance and four (4) characteristics of fruits and vegetables
3. (a) Discuss the advantages and disadvantages of nursery practices in Nigeria
(b) Outline the three (3) types of nursery known to you.

SECTION B

4. (a) Enumerate four (4) characteristics of a good cashew nursery site
(b) Write details on the inorganic fertilizer requirements of plantain/banana in the field
(c) Discuss the effect of weeding on the crop yield of kolanut
5. (a) What is black sigatoka disease?
(b) Fully explain propping in plantain field
(c) Discuss seed processing in matured kolanut

SECTION C

6. (a) Carefully write the scientific name of the following vegetable crops (i) fluted pumpkin
(ii) okra (iii) tomato (iv) pepper and (v) cucumber
(b) State the climatic and soil requirement of a named vegetable crop known to you
(c) Briefly discuss any five (5) important cultural operations for fluted pumpkin
7. (a) Carefully enumerate one important (i) pest and (ii) disease of the following fruit and vegetable crops: tomato, pepper and okra
(b) Discuss the critical stages of water requirement in tomato production
(c) Describe the stages of pepper processing