1a). On an annotated map of Nigeria, show ecological distribution of the following dessert fruit crops: (i) *Mangifera indica*  (ii) *Passiflora edulis*  (iii) *Ananas comosus*  
(iv) *Carica papaya*  (v) *Musa spp.*  (vi) *Psidium guajava* (vii) *Citrus Spp*

b). Indicate two major environmental factors accounting for the distribution shown.

c). Mention 4 distinguishing features of *Phoenix dactylifera* compared to other species of Phoenix.

d). List ten economic importance of *Phoenix dactylifera*

2 a). Name five climatic requirements for a named dessert fruit crop.

b). Highlight the implications of each on the factors on growth and yield of the named crop.

3). Write briefly on the following:
   (i) Sword sucker  
   (ii) Peeper  
   (iii) Maiden sucker  
   (iv) Decapitation in plantain  
   (v) French plantains

4 a). Name one major pest and disease of *Musa spp*

b). Name four cultivars of *Carica papaya*.

c). Categorize *Musa spp.* based on the morphology of the plant.

(d). Which of the types would you select for commercial production ?

5(a) Discuss the influence of climate on viticulture

(b). Explain the features of the following viticultural regions of the world:
   (i) Mediterranean Climate (ii) Continental Climate (iii) Maritime Climate

6a). Explain the following management operations in the cultivation of *Psidium guajava*:
   (i) Nursery  
   (ii) Clonal method of propagation  
   (iii) Transplanting  
   (v) Planting spacing  
   (v) Crop management on the field.