

# AGRICULTURE FORM 2 ASSIGNMENT

MAY 2020

1. Give two characteristics of extensive farming system. (2mks)
2. Distinguish between apiculture and aquaculture. (2mks)
3. Name two meat breeds of rabbits. (2mks)
4. State the uses of the following farm tools and equipments. (2mks)
  - (i) Teeth clipper
  - (ii) Wire strainer
5. Give four undesirable characteristics of indigenous cattle that make them unpopular today with Kenyan farmers. (2mks)
6. Give three reasons why soil is important to crops. (3mks)
- 7.(a) What is a hard pan. (1mk)
- (b) Give two disadvantages of hardpan in crop production. (2mks)
8. Give 3 forms in which water exist in soil. (3mks)
9. Give four characteristics of a fertile soil. (4mks)
10. Highlight four characteristics of nitrogenous fertiliser. (4mks)
11. The diagram below shows a method used in soil sampling. Study the diagram carefully and answer the questions that follow.
  - (i) Identify the method shown. (1mk)
  - (ii) State six general precautions taken during sampling to ensure a good representative sample. (6mks)
  - (iii) Give 5 information contained on sampling envelop. (5mks)
12. A farmer was asked to apply fertilizer as follows;  
200kg / ha of DSP (40%  $P_2O_5$ )  
150kg / ha of muriate of potash (60%  $K_2O$ )  
150kg / ha of sulphate of ammonia (20% N)
  - (a) How much  $P_2O_5$  did the farmer apply per ha. (2mks)
  - (b) How much  $K_2O$  did the farmer apply per ha. (2mks)
  - (c) How much Nitrogen did the farmer apply per hectare. (2mks)
- Q13. Give two materials that a farmer can apply to lower soil Ph. (2mks)
- Q14. Name the bacteria that convert;
  - (i) Ammonia compounds to Nitritis. (1mk)
  - (ii) Nitritis to Nitrate (1mk)
15. Give the role of Azotobactor bacteria. (1mk)