

DETAILED HOLIDAYS REVISION

F1 AGRICULTURE TERMLY EXAMS 10 QSN PAPERS



DETAILED HOLIDAYS REVISION FORM ONE AGRICULTURE TERMLY EXAMS 10 QUESTION PAPERS

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Qsns No: 4, 5 & 6 Term 2 Exams

Qsns No: 7, 8, 9 & 10 Term 3 Exams

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FORM ONE DETAILED HOLIDAY REVISION

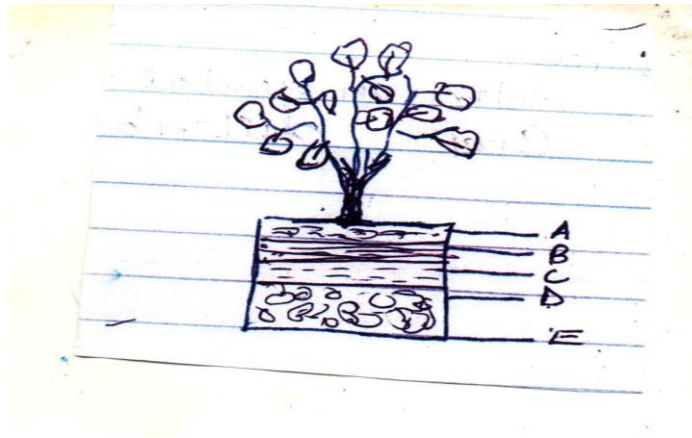
AGRICULTURE QUESTION PAPER NO: 01

SECTION A (90 MKS)

- 1a)** State SIX reasons that make agriculture importance to Kenya's economy. **6mks**
- b)** Agriculture can be viewed as an art, state two reasons to support the view that agriculture is an art. **2mks**
- c)** Define the term Agriculture. **2mks**
- 2a)** State any FOUR branches of Agriculture
- b)** State FOUR factors that determine the system of farming ins a given area. **4mks**
- 3a)** State THREE characteristics of shifting cultivation. **3mks**
- b)** Differentiate the following terms as used in Agricultural production.
- i)** Floriculture and pomoculture. **2mks**
 - ii)** Horticulture and Olericulture. **2mks**
 - iii)** Aquaculture and apiculture. **2mks**
 - iv)** Agriculture engineering and Agricultural economics. **2mks**
- 4a)** List down five problems facing Agriculture production. **5mks**
- b)** State FOUR ways in which Agriculture contributes to industrial development. **2mks**
- c)** Name five soil constituents. **5mks**
- 5a)** Define the term organic farming. **2mks**
- b)** Outline three importance of organic farming. **3mks**
- 6a)** State THREE practices that can facilitate achievement of organic farming. **3mks**
- b)** State FOUR effects of high temperature on crop production. **2mks**
- c)** State SIX reasons why ranching is regarded as a form of advanced pastoral-nomadism.
- d)** Differentiate between Extensive and intensive farming. **2mks**
- 7a)** Define Agroforestry. **2mks**
- b)** State four advantages of agro foresting **2mks**
- c)** Why would mixed farming be termed as a method of diversification. **1mk**
- 8a)** List down FOUR advantages of shifting cultivation. **2mks**
- b)** List down three characteristics of extensive farming. **3mks**
- c)** From which two Latin words is the term "Agriculture" derived? Give the meaning of each word. **2mks**
- 9a)** State two effects of HIV/AIDS on agriculture. **2mks**
- b)** State two importance of soil to plants. **2mks**
- c)** List down six human factors that influence agriculture. **6mks**

- 10a)** Give two disadvantages of pastoral nomadism system of farming **2mks**
- b)** List down three environmental factors that affect crop distribution in Kenya. **2mks**
- c)** List down four aspects of rainfall that affects agriculture. **4mks**
- 11a)** State two causes of hard pan in a crop yields. **2mks**
- b)** Name two processes of rock weathering. **2mks**
- c)** List two aspects of light that influence crop growth. **1mk**

SECTION B (10MKS)



- 12a)** The above diagram represents a soil profile, Name the following parts. **A, B, C, D & E**
- b)** Define the term soil profile. **2mks**
- c)** Which layer is the reflected to as a layer of accumulation. **1mk**
- d)** List down two characteristics of part B **2MKS**

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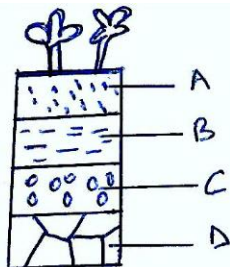
AGRICULTURE QUESTION PAPER NO: 02

SECTION A (75 MARKS)

1. Define the term agriculture correctly. (1 mk)
2. Give four practices that show that agriculture is an art. (4 mks)
3. State four area of study that shows that agriculture is a science. (4 mks)
4. State two ways in which agriculture contributes to development of industries in Kenya. (2 mks)
5. State three ways by which agriculture contributes to national development. (3 mks)
6. List five branches of agriculture. (5 mks)
7. State four factors considered when identifying a farming system in an area. (4mks)
8. State four characteristics of large scale farming system. (4mks)
9. State two reasons which make small scale farming common to majority of he farmers in Kenya. (2 mks)
10. Define the term pomology as used in crop production (1 mk)
11. State two reasons why nomads move with their livestock from place to place. (2mks)
12. State four climatic factors that influence agricultural production in Kenya. (4mks)
13. What is agroforestry. (1mk)
14. State four problems associated with shifting cultivation. (4mks)
15. State two effects of HIV/AIDS) in agriculture. (2 mks)
16. State three ways how agriculture as an occupation provide employment. (3mks)
17. State four aspects of rainfall important to a farmer (4mks)
18. State five biotic Factors that affect agricultural production. (5mks)
19. State four advantages of mixed farming. (4mks)
20. a) Give three effects of low temperature in crop production. (3mks)
b) State four harmful effects of wind in crop production. (3 mks)
21. Name two categories of crops on the basis of photosynthetic light requirement. (2mks)

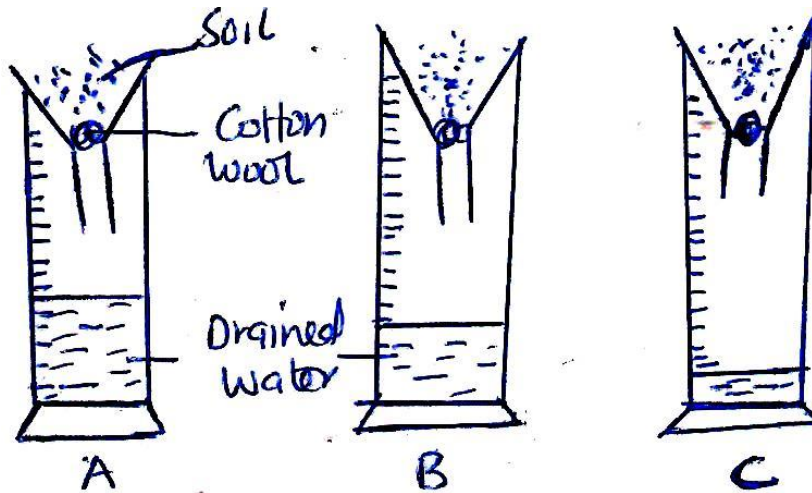
SECTION B(25 MKS)

22. Below is a diagram illustrating a soil profile study it carefully and answer the questions that follow.



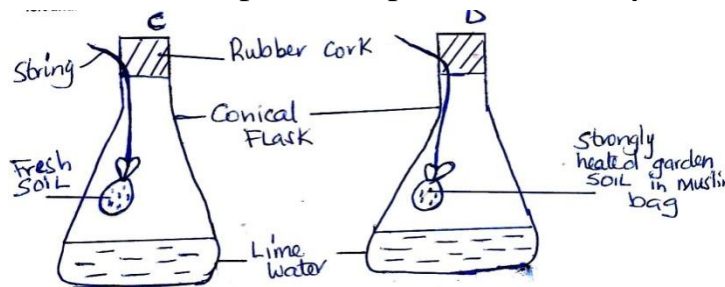
- i) Name parts labeled A,B,C and D above (4mks)
- ii) State three properties of the part labeled A above. (3mks)
- iii) State four factors that influence soil formation (4mks)

23. The diagram below shows an experiment set up using different soil type A,B and C. The observation was made after 24 hours.



- a) State what the experiment was designed to study. (1mk)
- b) Name the soil type labeled A,B,C (3mks)
- c) State three ways in which soil structure influences crop production. (3mks)
- d) Distinguish between soil structure and soil texture. (2mks)

24. The diagrams below show a set up of an experiment to study an aspect of soil. The set up was 6



- a) What was the aim of the experiment (1mk)
- b) State one observation that was made in each of the flasks labeled C and D (2 mks)
- c) Give a reason for each of your answers in(b) above (1 mk)

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AGRICULTURE QUESTION PAPER NO: 03

SECTION A (30marks).

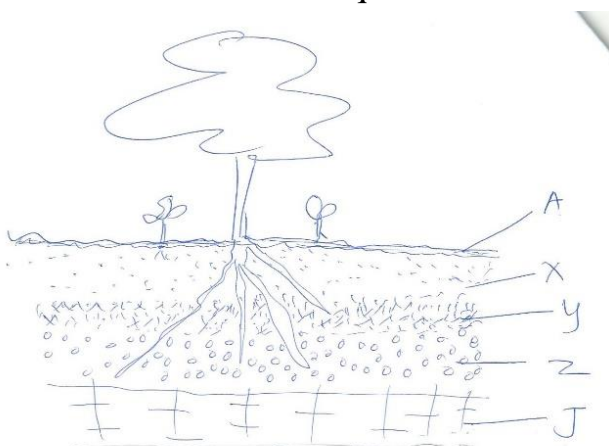
Answer all Questions in this section.

1. Agriculture is derived from two Latin terms state them and explain their meaning. (4mks)
2. Define the term Agriculture. (1mk)
3. State four factors that make agriculture an art subject. (4mks)
4. Name three reasons why students should learn agriculture subject in schools. (3mks)
5. State the meaning of the following terms as used in agricultural production. (5mks)
 - i) Soil science
 - ii) Entomology
 - iii) Crop pathology
 - iv) Apiculture
 - v) Aquaculture
6. State four branches of agriculture. (4mks)
7. Name four animals that are categorized as mammalian livestock. (4mks)
8. State the difference between plantation farming and ranching. (2mks)
9. List three methods a farmer can use to practice farming in Kenya. (3mks)
10. State two advantages of practicing agroforestry in a farm. (2mks)
11. State four factors that influence agriculture farming in Kenya. (4mks)
12. Name two ways through which HIV/AIDS affect agriculture negatively. (2mks)
13. Name two effects of wind on crop production. (2mks)

SECTION B (20 MARKS)

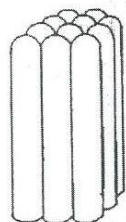
Answer all questions in B.

14. Study the diagram below and answer the questions that follow.

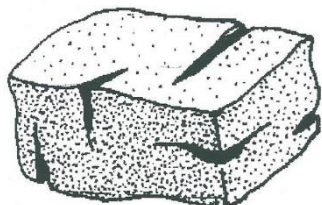


- a) Identify the soil layers A, X, Y, Z, J in the diagram above. (5mks)
 b) Define the term soil profile. (1mk)
 c) State the name given to the zone found between any two bordering soil layers. (1mk)
 d) State five components that make up soil. (5mks)

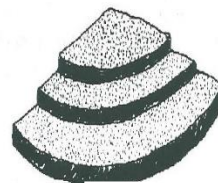
15. Study the diagrams below and answer the questions that follow



M

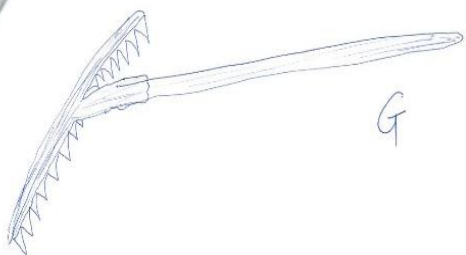


L



K

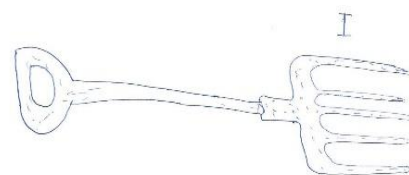
- a) Identify the diagram K, L, M above. (3mks)
 b) State two reasons why soil structure K is not good for crop production. (2mks)
16. Identify the farm tools and equipment shown below. (3mks)



G



H



I

SECTION C (40 marks)

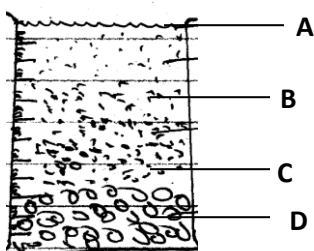
Answer only two questions in this section

17. a) State and explain five roles of agriculture in Kenyan economy today. (10mks)
 b) State and explain five biotic factors that affect agricultural farming. (10mks)
- 18 a) Explain four aspects of rainfall that influence crop production. (8mks)
 b) Explain four factors influencing soil formation. (8mks)
 c) Name four effects of temperature on crops. (4mks)
- 19 a) Explain three aspects of light that influence crop farming. (6mks)
 b) List four uses of water to crops. (4mks)
 c) Giving an example in each, state five categories of farm tools and equipment. (10mks)

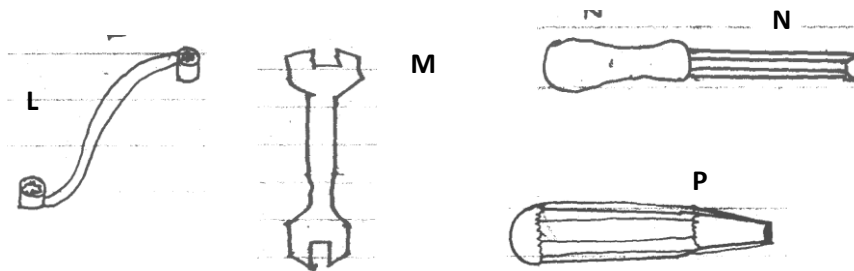
FORM ONE DETAILED HOLIDAY REVISION

AGRICULTURE QUESTION PAPER NO: 04

1. Name **two** areas of scientific study which show that Agriculture is a science (2mks)
2. Give **two** reasons why Agriculture is important for the development of industries. (2mks)
3. State **four** main branches of agriculture (4mks)
4. List **two** disadvantages of shifting cultivation (2mks)
5. A form one student put some soil sample in a measuring cylinder, added some water containing sodium carbonate, covered the cylinder with the hand and shook the cylinder for about two minutes. He left the cylinder on the bench for one hour.



- (i) Name the layer marked A,B,C and D (4mks)
- (ii) What was the function of sodium carbonate in this experiment? (1mk)
6. Name **three** soil forming factors. (3mks)
7. State **four** problems farmers face in agricultural production? (4mks)
8. Give **three** aspects of light that influence crop production. (3mks)
9. Below are diagrams of farm tools. Use them to answer the question that follow.



- (i) Identify the tools **L, M, N & P** (4mks)
- (ii) State **one** advantage of tool L over M (1mk)
- (iii) State **one** functional difference between N and P (2mks)
- iv) Give **four** reasons for maintaining farm tools properly (4mks)
10. State **two** reasons for cultivation during dry period. (2mks)

11. For each of the following Tertiary operations, give one reason why it is carried out (3mks)
(i) Ridging (ii) Rolling (iii) Leveling
12. Give **four** factors that determine the number of times a farmer would harrow his land. (4mks)
13. (i) What is water conveyance? (1mk)
(ii) Name **two** types of pipes used in the farm. (2mks)
(iii) State **three** uses of water on the farm (3mks)
14. State **two** surface irrigation methods. (2mks)
15. List **two** features of plastic pipes a farmer should consider before buying the pipes. (2mks)
16. State **five** ways by which soil loses its fertility. (5mks)
17. Give **three** factors considered when siting compost manure on the farm. (3mks)
18. List **three** dairy goat breeds. (3mks)
19. Name a breed of dairy cattle having the following characteristics: red coat with white marking on the legs, face, tail/switch and girth. (1mk)
20. State **four** characteristics of beef calf that makes it suitable for beef production. (4mks)
21. Give **two** advantages of keeping a Jersey cow instead of a Friesian cow for milk production. (2mks)
22. State **two** adaptations of camel to its environment. (2mks)
23. Name **four** types of farm record. (4mks)
24. Give **two** advantages of organic farming in relation to environmental conservation. (2mks)
25. Describe the process involved in water treatment using chemical treatment system. (12mks)

FORM ONE DETAILED HOLIDAY REVISION

AGRICULTURE QUESTION PAPER NO: 05

SECTION A (50MKS)

Answer all questions in this section on spaces provided.

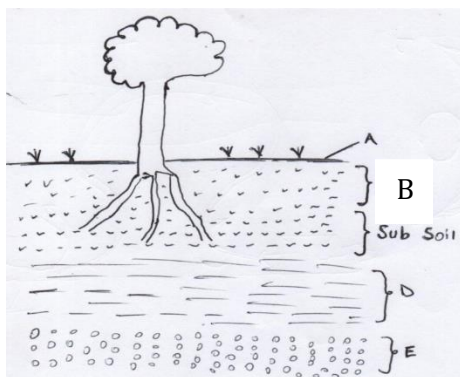
1. What is Agriculture? (1mk)
2. Give the meaning of the following Agricultural terms (4mks)
 - i. Apiculture
 - ii. Aquaculture
 - iii. Nomadic –pastoralism
 - iv. Plantation
3. Give three reasons why Agriculture is Art (3mks)
4. Differentiate between the following Horticulture terms. (2mks)

Pomoculture and Olericulture
5. Name five branches of Agriculture (5mks)
6. a) Give the meaning of mixed farming? (1mk)
b) State three importance of mixed farming (3mks)
7. State three characteristics of small scale farming (3mks)
8. Name four methods of farming? (4mks)
9. State four advantages of large scale farming (4mks)
10. State three importance of organic farming? (3mks)
11. Name four human factors which influence Agriculture (4mks)
12. State two effects of HIV and AIDS on Agriculture (2mks)
13. State three ways which Government policy influence Agriculture (3mks)
14. Name four Biotic factors which influences Agriculture (2mks)
15. State three importance of soil to crops (3mks)
16. Name three aspect of rainfall (3mks)

SECTION B

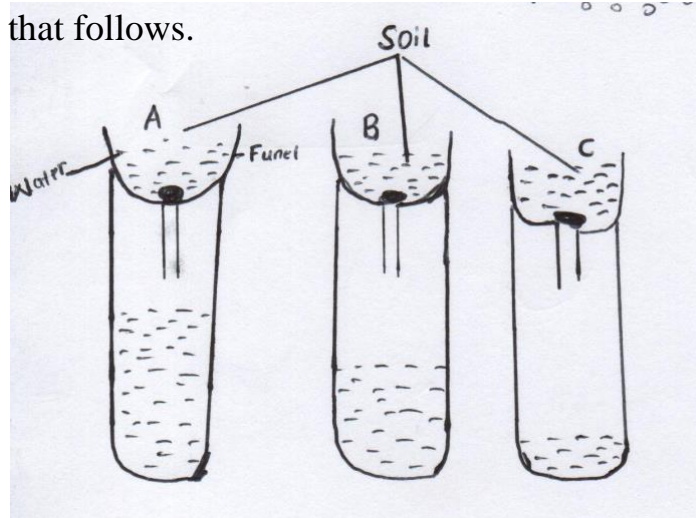
Answer all questions on the spaces provided

17. Study the diagram below and answer questions that follow.



- a) Identify the type of soil formation shown above (1mk)
- b) Name the layers A, B, D and E (4mks)
- c) State four characteristics of layer B (4mks)
- d) Name four types of soil structures (4mks)

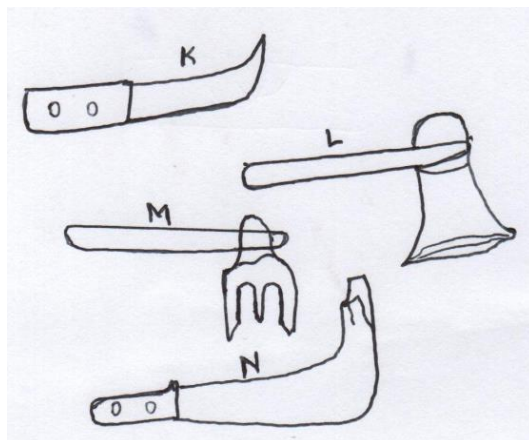
18. Below is an experiment to investigate a certain aspect of soil. Study the experiment and answer questions that follows.



The amount of water drained is as shown above

- a) State the aspects of soil being investigated (1mk)
- b) Name the soil type A, B and C (3mks)
- c) Which of the soil type is most suitable for growing rice (1mk)
- d) Which of soil type is good for growing maize (1mk)
- e) State four characteristics of soil type A (4mks)

19. Below are farm tools and equipment used in the farm



- a) Identify the tools shown above K, L, M & N (2mks)
- b) State the use of tool K and L (2mks)
- c) State three maintenance of tool K (3mks)

SECTION C (20MKS)

Answer any two questions on space provided

- 20.** State and explain five importance of Agriculture in growth of country economy **(10mks)**
- 21.a)** State the influence of strong winds on crop production **(6mks)**
- b)** State the effects of high temperatures on crop production **(4mks)**
- 22.a)** State three types of weathering **(3mks)**
- b)** Describe various ways in which biotic factors influences Agriculture **(7mks)**

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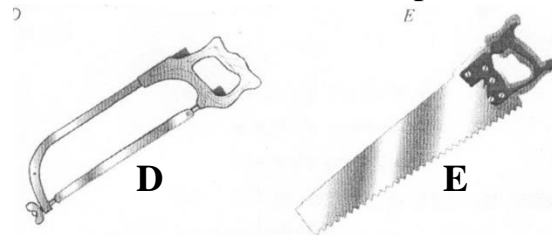
AGRICULTURE QUESTION PAPER NO: 06

SECTION A (40MKS)

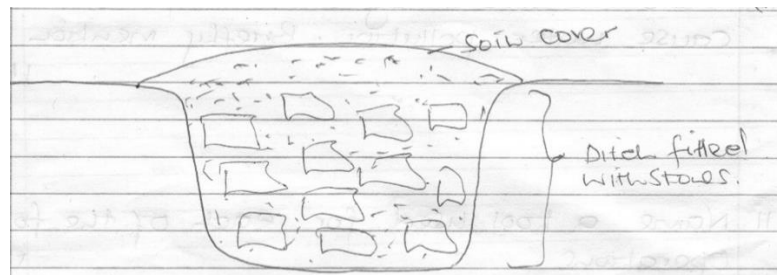
1. Name three conditions under which shifting cultivation is practicable. (3mks)
2. List four disadvantages associated with the burning of land in shifting land preparation. (4mks)
3. Outline four environmental conditions that may lead to poor crop yields. (4mks)
4. Name four human factors that influence production and distribution of crops and livestock (4mks)
- 5a) What is sub-soiling? (1mk)
b) Give four advantages of minimum tillage. (4mks)
6. Mention three types of pumps. (3mks)
7. Outline four properties of clean and safe water. (4mks)
8. Name three methods of surface irrigation. (3mks)
- 9a) Define drainage. (1mk)
b) Give three causes of poor drainage. (3mks)
10. There are several agricultural practices that causes water pollution. Briefly mention them (4mks)
11. Name a tool used for each of the following operations. (2mks)
 - i) Testing mastitis
 - ii) Cut overgrown hooves

SECTION B(30MKS)

12. Diagram D and E below are illustrations of workshop tools. Study them and answer the questions that follow.

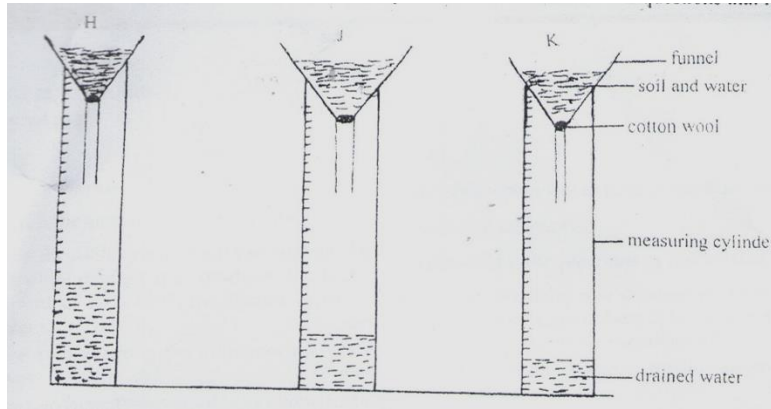


- a) Identify the tools marked D and E. (2mks)
 - b) State one function of each of the tool shown. (2mks)
 - c) Give one maintenance practice of tool E. (1mk)
- 13a) Identify the method of drainage shown below. (1mk)



- b) Other than the method shown in (a) above list other four methods used in draining farm land. (2mks)
- c) Outline four reasons for draining farm land. (2mks)

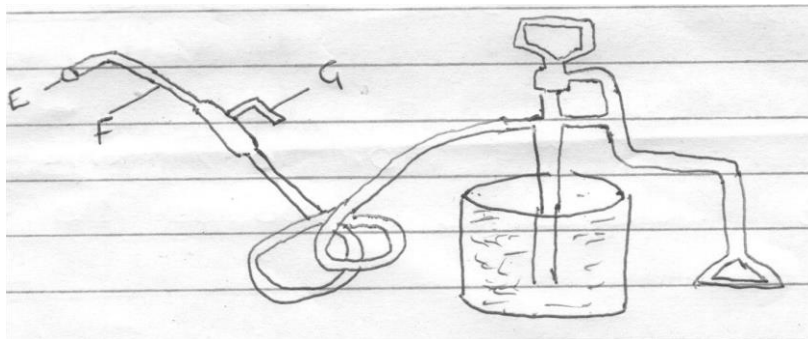
14. The illustrations below represent an experiment to compare the porosity and water holding capacity of three of soils. Carefully study the experiment and then answer the questions that follow.



- a) Identify the soil in each of the funnel labeled. H, J & K (3mks)
- b) Which of the three types of soil can be said to have the highest porosity rate? (1mk)
- c) Which type of soil would be suitable for planting paddy rice? (1mk)
15. Complete the table below that attempts to classify soil based on the sizes of soil particles. (5mks)

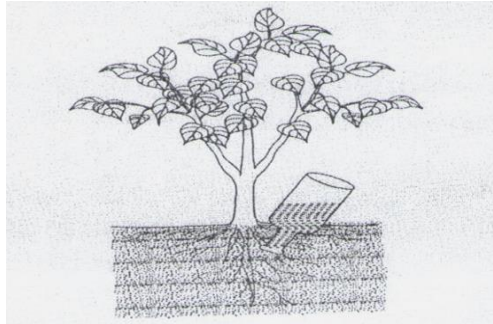
Particles	Size (diameter) in MM
	Above 2.0mm
	Between 0.20mm and 2.00mm
	Between 0.20mm and 0.20mm
	Between 0.002mm and 0.02mm
	Below 0.002mm

16. Below is a diagram of farm equipment. Use it to answer the questions that follows.



- a) Identify the equipment. (1mk)
- b) State the use of the equipment. (1mk)
- c) Name the parts labeled E, F and G. (3mks)

17a) Identify the method of irrigation shown below. (1mk)



- b) What are the disadvantages of this method of irrigation? (2mks)
- c) Outline how the method of irrigation in (a) above is maintained? (2mks)

SECTION C(30MKS)

18a) Outline six biotic factors influencing agriculture. (6mks)

b) State the four aspects of rainfall that are important for crop growth . (4mks)

19a) State five factors that determine the number of times secondary cultivation is done. (5mks)

b) Outline the advantages of minim tillage. (5mks)

20a) State four importance of water treatment. (4mks)

b) What factors determine the choice of the type of irrigation used? (6mks)

FORM ONE DETAILED HOLIDAY REVISION

AGRICULTURE QUESTION PAPER NO: 07

1. Give two reasons why Agriculture is looked as a science. (2mks)
 2. a) What are the advantages of organic farming? (2mks)
b) What is mixed farming? (1mk)
 3. a) Give four reasons why Agriculture considered important in Kenya's economy. (4mks)
b) What is plantation farming. (1mk)
 4. State two effect of HIV/AIDS on agriculture. (1mk)
 5. a) State the difference between soil structure and texture. (2mks)
 6. a) What is soil profile? (2mks)
b) Describe the components of a well developed soil profile. (5mks)
 7. Place the following tools in their respective categories and state their uses. (10mks)

a) Panga	f) Sprayer
b) Shovel	g) Ripsaw
c) Pick axe	h) Tape measure
d) Garden line	i) Scraper
e) Wheelbarrow	j) Marking gauge
 8. a) State the reasons for preparing land before planting. (4mks)
b) What is a seedbed? (1mk)
 9. Give reasons why the burning of Bushes as a methods of land cleaning should be discouraged. (2mks)
 10. a) What is ridging? (1mk)
b) Give reasons why the following operations are carried out in crop production;

i) Rolling. (1mk)
ii) Levelling. (1mk)
 11. (a) State the main sources of water on the farm. (3mks)
b) State the methods of water collection and storage in the farm. (3mks)
c) What are the four reasons for treating water for human consumption. (2mks)
 12. a) What is;

i) Drainage. (1mk)
ii) Pollution. (1mk)

b) i) List six different types of drainage. (3mks)
ii) Describe the agricultural practices which lead to water pollution. (2mks)
 13. a) Define the term soil fertility. (2mks)
b) State the characteristics of a fertile soil. (5mks)
-

- 14.a)** What is the importance of organic matter in the soil? **(5mks)**
- b)** What are the functions of the following in the preparation of compost manure? **(3mks)**
- i)** Topsoil
 - ii)** Wood ash
 - iii)** The layer of manure
- 15.** Discuss the importance of livestock to a Kenyan farmer. **(2½mks)**
- 16.**List the characteristics of a dairy cow. **(2½mks)**
- 17.a)** Differentiate between the following breeds of livestock.
- i)** New Zealand white and Californian white. **(2mks)**
 - ii)** Large white and landrace. **(2mks)**
- 18.**What is the color of each of the following breeds of livestock?
- a)** Wessex saddle backs. **(½ mk)**
 - b)** Toggenburg **(½ mk)**

FORM ONE DETAILED HOLIDAY REVISION

AGRICULTURE QUESTION PAPER NO: 08

SECTION A (30Marks)

1. State four factors that influence soil formation. (2Mks)
2. Name four aspects of rainfall a farmer will consider in crop production. (2Mks)
3. Define the following terms (1 ½ Mks)
 - i. Pomology
 - ii. Soil profile
 - iii. Minimum Tillage
4. State the disadvantages of shifting cultivation. (2Mks)
5. State three ways in which soil PH influence plant growth and production (1 ½ Mks)
6. State four characteristics of Topsoil (Horizon A) (2Mks)
7. Differentiate between the following terms (2Mks)
 - i. Drenching gun and bolus gun.
 - ii. Rolling and sub soiling.
8. List four methods of land clearing. (2Mks)
9. Name four types of water pumps. (2Mks)
10. State four importance of drainage. (2Mks)
11. State three conditions under which irrigation should be practiced (1 ½ Mks)
12. State three characteristics of a well rotten manure. (1 ½ Mks)
13. Name four types of beef cattle breeds (2Mks)
14. State the meaning of the following terms (2Mks)
 - i. Billy
 - ii. Buck
 - iii. Capon
 - iv. Boar
15. Differentiate between Bactrian and Dromedary. (1Mk)
16. Name two types of labor records (1Mk)
17. Name two examples of metal pipes commonly used on the farm (1Mk)
18. Differentiate between pumping and piping (1Mk)

SECTION B (20 Marks)

19.



A



B



C

a) Name the above tools.

(3mks)

b) State the functional difference between tool a and b.

(1mrk)

20



i) Name the sheep breed above

(1/2 mks)

ii) Name the following parts labelled A, B & C

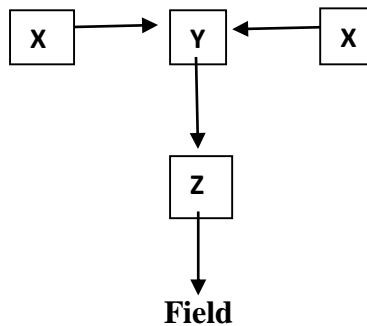
(1 1/2 mks)

iii) State three characteristics of the above breed

(3mks)

21.

(1Mk)



a) Identify the method used in preparation of organic manure

b) State the purpose of the following in organic manure preparation.

(3mks)

i. Manure –

ii. Ash –

iii. Top soil –

c) For how long does it take for the organic manure to be turned?

(1mk)

22.a Name the type of irrigation below.

(1mk)



b.) State three factors to consider when choosing the above method of irrigation.

(3mks)

c.) Give two advantages of the above type of irrigation.

(2mks)

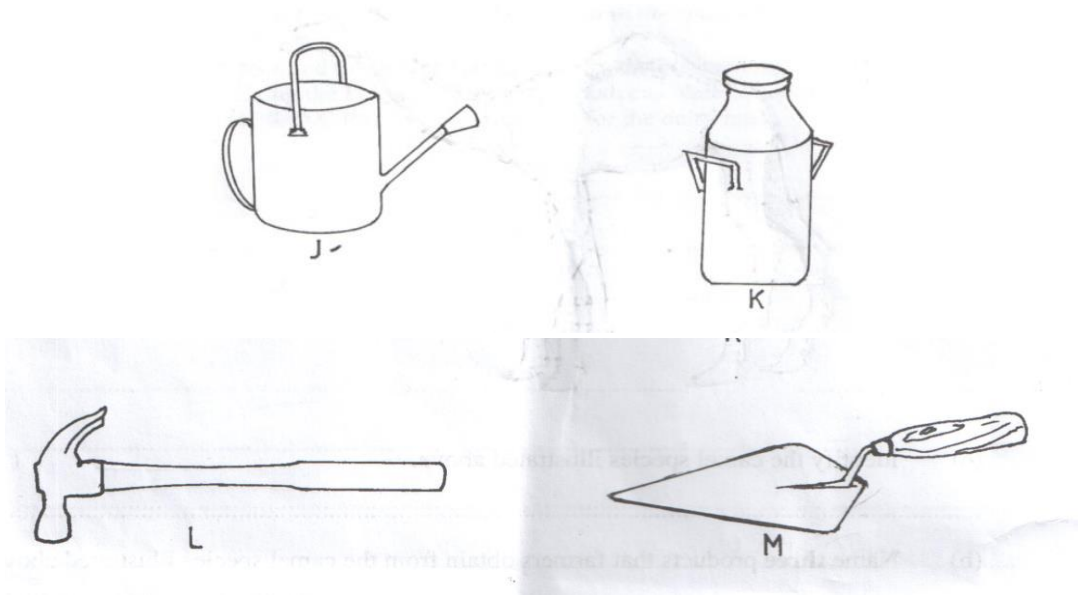
SECTION C (40 Marks)

- 23.a)** Name four methods of farming (2mks)
b) State five characteristics of small scale farming (5mks)
c) Explain five reasons why agriculture is referred as a science (5mks)
d) Discuss four harmful Biotic factors that affect agricultural production (10mks)
- 24. a)** Explain five ways of maintaining soil fertility. (10mks)
b) Describe five characteristics of a fertile soil that influence crop productivity (10mks)
- 25.a** Discuss the process of water treatment by chemical method (12mks)
b) Describe four methods of drainage (8Mks)

FORM ONE DETAILED HOLIDAY REVISION

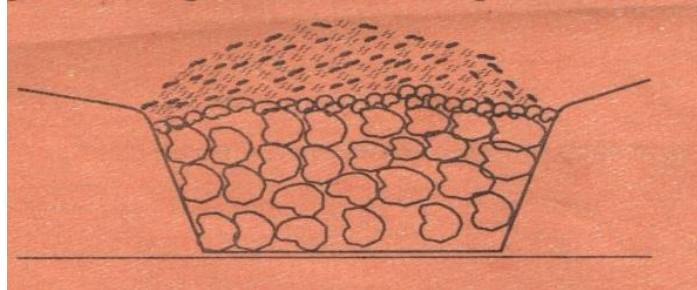
AGRICULTURE QUESTION PAPER NO: 09

1. Give four factors entailed in agriculture as an art. (2mks)
2. Differentiate between olericulture and pomoculture. (2mks)
3. Name four methods of farming. (2mks)
4. State four ways by which agriculture contributes to national development. (4mks)
5. State four factors that lead to low crop production. (2mks)
6. Name four biotic factors influencing agricultural production negatively. (2mks)
7. State four effects of high temperature on crop production. (4mks)
8. Name three forms in which soil water exists. (1 ½ mks)
9. List four physical weathering agents in the soil formation process. (2mks)
10. The diagram below represents farm tools and equipments. Study them and answer the questions that follow.



- a. Identify the tool / equipment J, K and M. (1 ½ mks)
 - b. State one use for each of the tool/equipment labeled K and L. (2mks)
 - c. Give two maintenance practices for the equipment labeled K. (2mks)
11. State four maintenance practices of a jack plane. (2mks)
 12. Name four complementary tools and equipments. (2mks)
 13. State the correct use of each of the following tools. (2mks)
 - a. Tin snip
 - b. Cold chisel

14. State four reasons for proper care and maintenance of farm tools and equipments. (2mks)
15. State four factors that influence the number of secondary cultivation done. (2mks)
16. State four reasons for ridging. (2mks)
17. State four practices that encourage minimum tillage. (2mks)
18. Below is a diagram showing a method of drainage. Use it to answer questions that follow.



- a. Identify the method. (½ mks)
- b. Other than the above method name three other methods used in drainage. (1 ½ mks)
- c. Outline four reasons for draining farm land. (2mks)
19. Name three non-chemical methods of water treatment. (1 ½ mks)
20. State four advantages of trickle irrigation. (2mks)
21. State three types of pipes used in conveying water on the farm. (1 ½ mks)
22. Give four factors considered when selecting site for compost manure preparation. (2mks)
23. Give four indicators of well-decomposed manure. (2mks)
- 24.(a) Name two methods that are used in preparing compost manure. (1mk)
- (b) Give four reasons for limited use of organic manures to small scale crop production. (2mks)
25. State four importances of livestock. (2mks)
26. (a) Name a sheep breed which is resistant to foot rot disease. (½ mk)
- b. Mention any two examples of meat goats in Kenya. (1mk)
- c. Give the terms used to describe the following livestock of different age, sex, etc
- i. Mature male pig (½ mk)
- ii. Sterilized birds (½ mk)
- iii. Mature female goat (½ mk)
- iv. Young one of a sheep (½ mk)
- 27.(a) Name three dual purpose breeds of cattle. (1 ½ mks)
- (b) Name the two species of camel. (1mk)
28. State five uses of farm records. (5mks)

FORM ONE DETAILED HOLIDAY REVISION

AGRICULTURE QUESTION PAPER NO: 10

SECTION A (30MKS)

1. Define the following terms (2mks)
 - a) Entomology
 - b) pomology
 - c) Apiculture
 - d) olericulture
2. Outline four aspects of rainfall important in Agriculture (2mks)
3. State the four physical agents of weathering (2mks)
4. Give four effects of biotic factors in the soil (2mks)
5. Distinguish between rip saw and cross-cut saw (1mks)
6. For each of the following tools give two examples (2mks)
 - a) file
 - b) scrappers
 - c) chisels
 - d) gauged marking tools
7. Describe four conditions necessary for land clearing to take place (2mks)
8. State four reasons why burning as a method of land clearing is discouraged. (2mks)
9. a) What is minimum tillage? (1mk)
10. Distinguish between a weir and a dam (1mk)
11. Give two types of each of the following pipes (1mks)
 - a) Hose pipes
 - b) Metal pipes
12. Identify two dairy goats (1mk)
13. Give four benefits derived from a camel (2mks)
14. Differentiate between macro nutrients and micro-nutrients (1mks)
15. Highlight the functions of phosphorus in plants (2mks)
16. Give four fertilizers that can be used during planting in crops (2mks)
17. List any four methods of harvesting crops (2mks)
18. Highlight any two diseases that attack cabbages (1mk)
19. List any two insect-pests that attack tomatoes (1mk)

SECTION B (30MKS)

20. Study the diagram below and answer the questions that follow
 - a) Identify what is being tested in the above set-up (1mk)
 - b) Identify the most ideal soil for most crops (1mk)
 - c) Give two ways of improving the clay soil to be used for cultivation (2mks)
 - d) Describe four characteristics of clay soils (4mks)

21. The diagram below represents a hand saw study it and answer the questions that follow

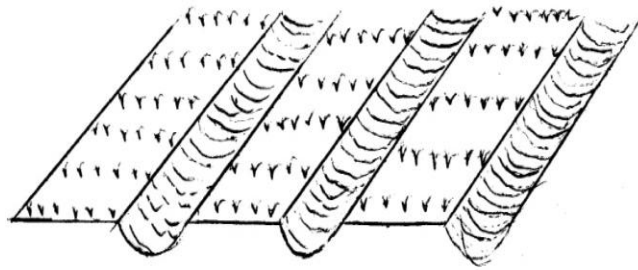
a) Name the parts marked P, Q, R, S and T

(2 1/2 mks)

b) Give four maintenance practices for the above saw

(4mks)

22. Study the diagram below and answer the questions that follow



a) Identify the structure above

(1mks)

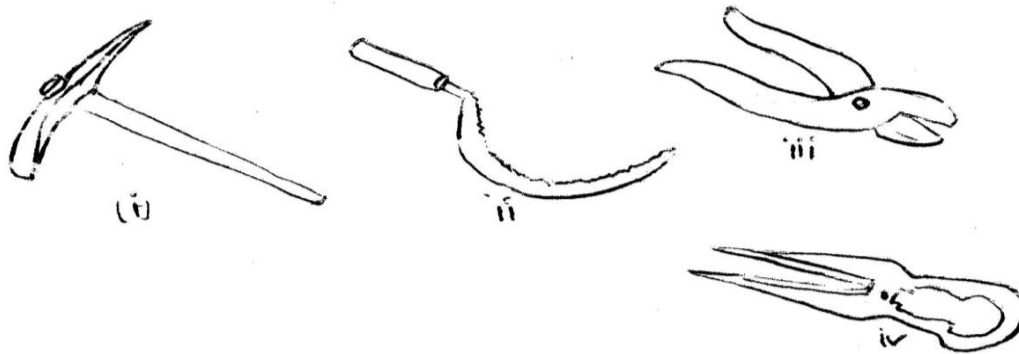
b) State the function of the structure in (a) above

(1mks)

c) State the importance of activity carried by the structure in (a) above

(4mks)

23. Study the diagrams below and answer the questions that follow



a) Identify tools (i), (ii), (iii), (iv)

(4mks)

b) Give the use of each of the tools named in (a) above

(4mks)

SECTION C(40MKS)

24. a) Name and explain the importance of Agriculture in the economy of Kenya

(6mks)

b) Give practices carried out in minimum tillage

(7mks)

c) Describe the benefits of minimum tillage

(7mks)

25. a) Highlight the importance of water treatment

(4mks)

b) Describe four characteristics of a fertile soil

(6mks)

c) State any four characteristics of nitrogenous fertilizers

(6mks)

d) Describe four characteristics of a good storage structure

(4mks)



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