

UMMUL - QURA HIGH SCHOOL
AROWONA BUS - STOP, AKANRAN ROAD, IBADAN.
2020/2021 SECOND TERM EXAMINATION
SUBJECT: Agricultural Science CLASS: SS2 DURATION: 2hrs
OBJECTIVE (SECTION A)

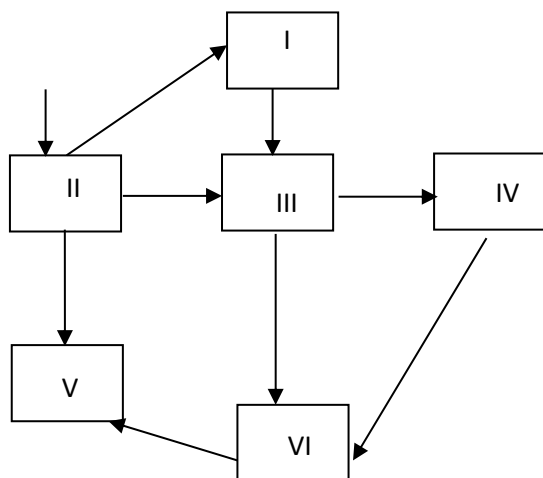
INSTRUCTION: Answer All Questions

1. In agriculture, pepper, ginger and locust bean are termed ____ crops
A. Cereal
B. Fibre
C. Spice
D. Fruit.
2. The following are cereal crops except ____
A. Cowpea
B. Maize
C. Millet
D. Rice.
3. Farm animals can be used for the following farm operations except
A. Harrowing
B. Harvesting
C. Ridging
D. Transporting.
4. The following are cultural practices in maize production except ____
A. Pest control
B. Staking
C. Supplying
D. Weeding.
5. Agriculture is important to the national economy because it provides ____
A. Clothing for man
B. Employment for youths
C. Feeds for livestock
D. Shelter for man and animal
6. Which of the following forms of agriculture deals with the keeping of bees?
A. Apiculture
B. Aqualculture
C. Horticulture
D. silviculture
7. A dicotyledonous plant possesses ____
A. Fibrous root
B. Broad leave
C. One seed leaf
D. Narrow leaf stalk
8. Which of these is an industrial raw material?
A. Chocolate
B. Cotton
C. Paper
D. Sugar.
9. The reward for land is ____
A. Wages
B. Interest
C. Rent
D. Money.
10. Which of the following statement is correct about supplying in crop production? It is the replacement of seeds that ____
A. Contains high impurity
B. Failed to germinate
C. Have low resistance to diseases
D. Have high dormancy period.
11. Which of the following factors influencing agricultural production is a biotic factor?
A. Parasite
B. Soil PH
C. Topography
D. Temperature.
12. When the leave of crop plants show brownish colouration from the tips of the

- mid – ribs backward, they are showing deficiency symptoms of ____
- Phosphorus
 - Copper
 - Nitrogen
 - Zinc.
- The relationship between the micro organisms and plants in the nitrogen cycle is best describe as ____
 - Parasitism
 - Commensalism
 - Competition
 - Symbiosis.
 - The types of energy obtained from the sun for agricultural uses is known as __energy
 - Potential
 - Mechanical
 - Nuclear
 - solar
 - Reduction of ten seedlings of pawpaw to two per stand is referred to as ____
 - Pruning
 - Thinning
 - Uprooting
 - Weeding.
 - Nitrogen is made available to plant in form of nitrate through the process of
 - Deaminification and nitrification
 - Nitrification and ammonification
 - Ammonification and denitrification
 - Nitrification and denitrification
 - The instrument used to measure relative humidity is ____
 - Thermometer
 - Anemometer
 - Hygrometer
 - Hydrometer.
 - In the establishment of pasture, it is best to ____
 - Plan only grass
 - Plant only legume
 - Plant mixture of grasses and legumes
 - Let the natural grass grow
 - Which of the following is the function of nitrosomonas in the nitrogen cycle?
 - Ammonification
 - Nitrification
 - Denitrification
 - Nitrogen fixation
 - Which of the following part of tractor needs not to be regularly checked before the tractor is put into use?
 - Engine oil and water level
 - Power take – off shaft
 - Operator’s and adjustment
 - Tyres and tyre pressure
 - Which of the following nutrient element is a macro nutrient?
 - Phosphorus
 - Zinc
 - Iron
 - Manganese.
 - The following are all leguminous forage crops except ____

A. <i>Centrosema</i>	<i>pubescens</i>
B. <i>Stylosathes</i>	<i>gracilis</i>
C. <i>Panicum</i>	<i>maximum</i>
D. <i>Pueraria</i>	<i>phaseolodes</i>
 - Plant micr nutrients include the following except ____
 - Sulphur
 - Copper
 - Iron
 - Zinc.
 - Which of the following factors does not affect the distribution of pasture grasses?
 - Type of species
 - Temperature
 - Soil
 - Pest and diseases

Use the diagram below to answer questions 25 – 27



25. The salt denitrified in II are
 - A. Nitrite
 - B. Urea
 - C. Ammonium salt
 - D. Nitrate.
26. When III and IV decompose, they produce VI which is ____
 - A. Inorganic residue
 - B. Ammonium compound
 - C. Nitrite
 - D. Organic residue
27. When VI nitrified it form ____
 - A. Nitrite
 - B. Urea
 - C. Nitrate
 - D. Ammonia.
28. The nitrogen dioxide will dissolve in rain water to form _____ in the soil
 - A. Nitrite
 - B. Urea
 - C. Nitrate
 - D. Ammonia.
29. The process that take place when soil are moist, warm and the PH is neither strongly acidic nor alkaline is ____
 - A. Nitrification
 - B. Ammonification
 - C. Denitrification
 - D. Soil nitration
30. One is not a process of nitrogen transformation
 - A. Nitrification
 - B. Ammonification
 - C. Denitrification
 - D. Soil nitration
31. Which of the following raw materials is most suitable for the production of pulp in paper industry?
 - A. Hardwood
 - B. Softwood
 - C. Plywood
 - D. heartwood
32. Which of the following explain the term pruning?
 - A. Removal of unnecessary branches of tree crops
 - B. Adequate spacing of seedling during transplanting
 - C. Removal of diseased or dead plants from the farm.
 - D. Hardening of seedling in the nursery
33. The way by which a pasture can be improved include the following except _
 - A. Overgrazing
 - B. Weed control
 - C. Reseeding
 - D. Fertilizer application
34. Which of the following is not a component of soil?
 - A. Air
 - B. Water
 - C. Organic matter
 - D. Texture.
35. In the process of recycling carbon in nature, carbon dioxide is used by crop during____
 - A. Respiration
 - B. Decomposition
 - C. Fruiting
 - D. Photosynthesis.

36. Which of the following is not a way of maintaining soil fertility?
- Cover cropping
 - Manuring
 - Mixed farming
 - Monocropping.
37. Which of the following statement is not correct about micro nutrients? They
- Are required in small quantities by plant
 - Are harmful when present in large quantities in a soil
 - Are derived from the parent rock
 - Are most abundant elements in plant leaves
38. Which of the following will not lead to loss of nutrient in the soil?
- Erosion
 - Mulching
 - Harvesting
 - Leaching.
39. Which of the following is the source of energy used by green plants for photosynthesis?
- Electricity
 - Wind
 - Sun
 - Machine.
40. The botanical name of giant star grass is _
- Andropogon tectorus*
 - Pennisetum purpureum*
 - Panicum maximum*
 - Cynodon plectostachyum*
41. Cassava and sugarcane are mainly propagated by ____
- Seedling
 - Layering
 - Budding
 - Cutting.
42. The crops which can be processed into powdered form for effective preservation include the following except ____
- Maize
 - Yam
 - Pepper
 - Kolanut.
43. Parboiling is carried out on the processing of rice in order to ____
- Decrease the amount of waste produce
 - Improve the taste of the rice
 - Facilitate the polishing of rice
 - Reduce percentage breakage
44. Yam setts are usually planted with cut surface ____
- Downwards and slopping at 45 degree
 - Downwards and slopping at 90 degree
 - Upward and vertically at 90 degree
 - Upward and slopping at 45 degree
45. Which of the following is the botanical name of guinea grass?
- Andropogon tectorus*
 - Pennisetum purpureum*
 - Panicum maximum*
 - Cynodon plectostachyum*
46. The alternative heating and cooling of molten magma result in ____
- Igneous
 - Sedimentation
 - Solidification
 - Fragmentation.
47. Which of the following crops is a raw material for the production of chocolate?
- Kolanut
 - Cocoa
 - Banana
 - Avocado pear
48. Which of the following groups comprises of oil crops?
- Groundnut, jute and cotton
 - Melon, coconut and groundnut
 - Sunflower, rubber and jute
 - Oilpalm, sunflower and jute
49. Which of the following factors does not bring about soil formation?

- A. Climate
- B. Time
- C. Parent materials
- D. Sunshine

50. The type of rock formed from the sediment deposited from ice, water and wind is _
- A. Sedimentary rock
 - B. Weathering rock
 - C. Metamorphic rock
 - D. Igneous rock

SECTION B

THEORY

Instruction: answer any three question from this section

1. (a) In tabular form state five differences between monocotyledonous and dicotyledonous plant
 (b) Briefly describe the following
 - i. Supplying
 - ii. Transplanting
 - iii. Weeding
 - iv. Mulching
 - v. Staking
2. (a) Write short note on the two types of pasture
 (b) State the meaning of forage crops
 (c) List two uses of forage crops
 (d) Mention two quality of a good pasture plant
3. (a) With the aid of diagram, explain one of the following
 - i. Carbon cycle
 - ii. Water cycle
 (b) Name the three factors affecting the distribution of pasture
 (c) State three ways by which atmosphere gains carbondioxide
4. (a) State the meaning of irrigation.
 (b) Mention any three:
 - i. Factors that the determine the choice of irrigation system
 - ii. Effect of irrigation on crop production
 - iii. Types of irrigation

UMMUL-QURA HIGH SCHOOL

Arowona Bus-Stop, Amuloko, Ibadan, Oyo State
Second Term Examination, 2020/2021 Academic Session.

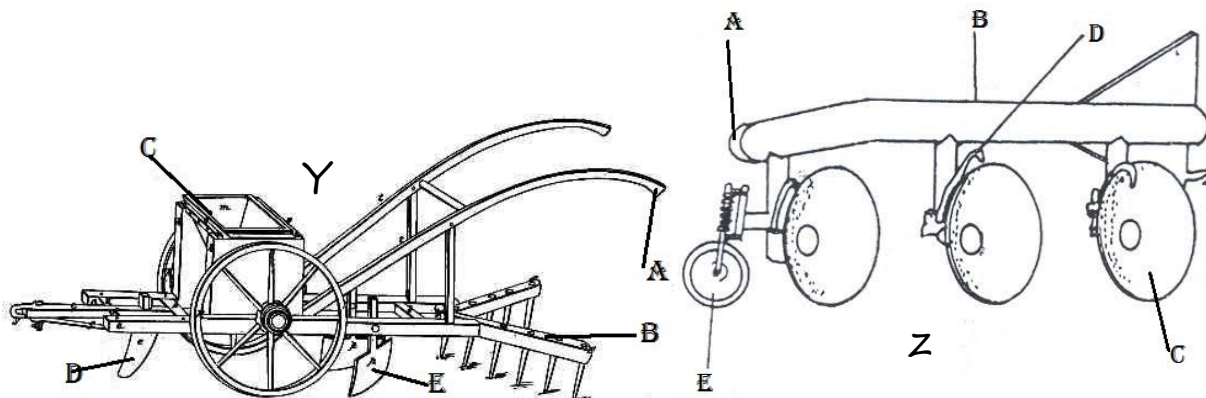
Subject: Practical Agriculture Sc.

Class: SSS 2

Time: 1 hour

Instructions: Answer **all** questions.

PAPER III [Practical]



1. (a) Name the diagrams above.

Y -----

Z -----

(b) Name the parts labelled A-E in diagram Y.

A -----

B -----

C -----

E -----

(c) Name the labelled A-E in diagram Z.

A -----

B -----

C -----

D -----

E -----

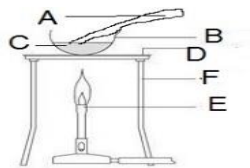
(d) State three methods of maintaining diagrams Y and Z.

(i) -----

(ii) -----

(iii) -----

2. Study the experiment set-up illustrated in the diagram below and use it to answer questions a and b.



(b) Name the type of experiment with illustrated above.

(b) Name the parts labelled A-E in the diagram above.

A -----

B -----

C -----

D -----

E -----

(c) State five importance of soil organic matter

i -----

ii -----

iii -----

iv -----

v -----