

# AGRICULTURAL SCIENCE

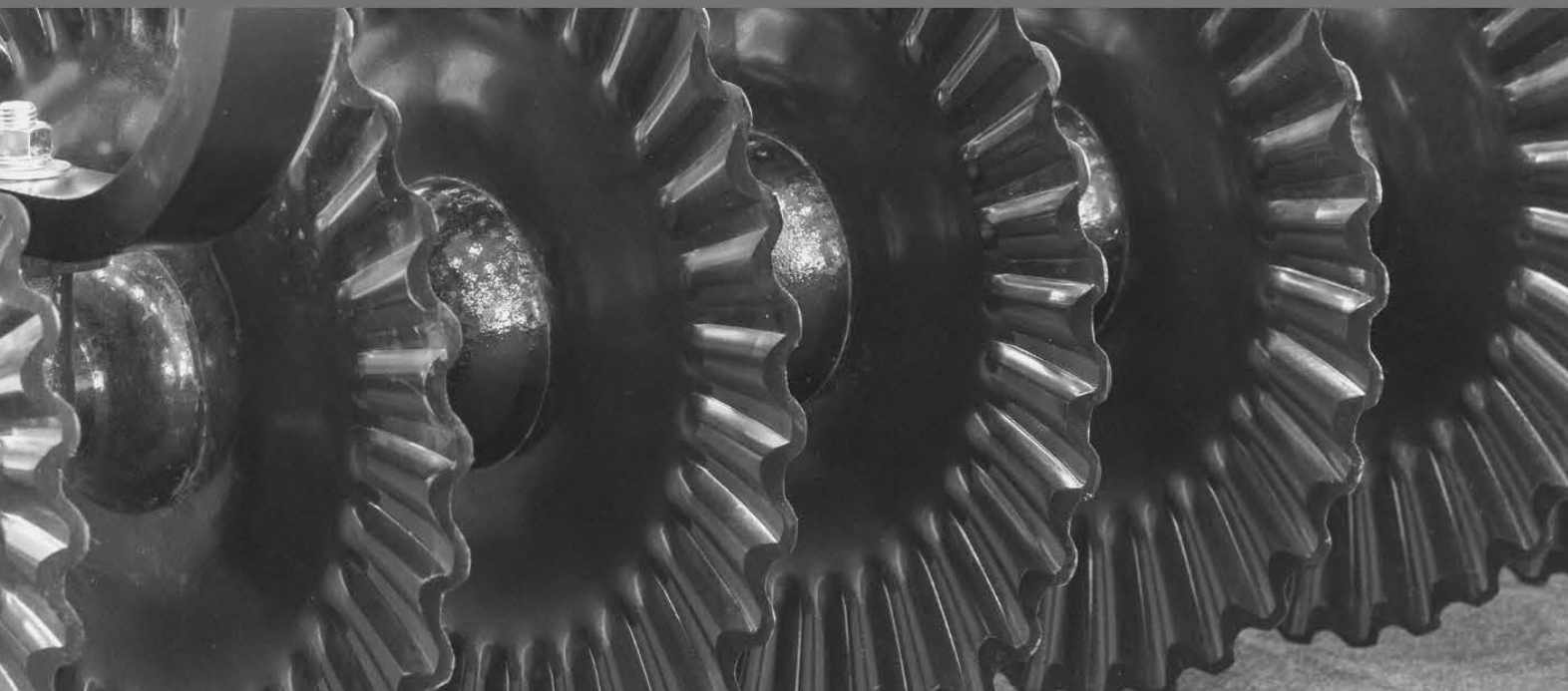
FOR

Junior Secondary School

# 3



Practice Questions and Answers



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Agricultural Science Exam Questions and Answers Pack

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# QUESTIONS

## TOPIC: FARM MACHINERY

**DIRECTION:** Choose the correct answer from the lettered options.

1. In the maintenance of a tractor, \_\_\_\_\_ is least important.

- A. replacing all worn and missing parts
- B. draining and clean the radiator
- C. tightening all loose bolts and nuts
- D. painting when defaced

2. A mower is used for \_\_\_\_\_

- A. cutting
- B. dressing
- C. shelling
- D. threshing

3. Which of the following is a primary machinery?

- A. Cultivator
- B. Plough
- C. Extractor
- D. Rotator

4. The following are types of tractors EXCEPT \_\_\_\_\_.

- A. two-wheeled tractor
- B. general-purpose tractors
- C. clearing tractors
- D. heavy wheeled tractors

5. A typical example of a secondary tillage implement is called \_\_\_\_\_.

- A. plough
- B. harrow
- C. ridger
- D. chisel plough

6. A which helps in pulling, pushing and lifting other farm machines is called a\_\_\_\_\_.

- A. wheel barrow
- B. plough
- C. mower
- D. tractor

7. Which of the following is NOT a farm machine?

- A. Plough
- B. Wheel barrow
- C. Tractor
- D. Harvester

8. The main use of farm machines is to \_\_\_\_\_.

- A. control weeds
- B. supply water to farm land
- C. keep farm animals healthy
- D. increase efficiency in the farm work

9. The lubrication of the moving parts of machinery is to reduce \_\_\_\_\_.

- A. movement
- B. breakage
- C. friction
- D. tearing

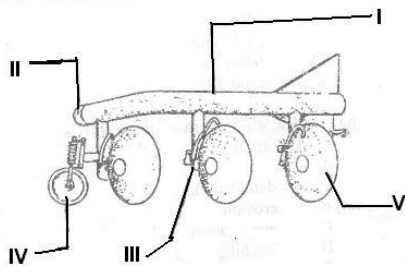
10. \_\_\_\_\_ is a primary tillage equipment.

- A. Ridger
- B. Mover
- C. Plough
- D. Tractor

11. Two-wheeled tractors are sometimes called \_\_\_\_\_.

- A. florist tractors
- B. general tractors
- C. horticultural tractors
- D. food tractors

12. What is the name of the part labeled V?



- A. Beam
- B. Couter
- C. Disc
- D. Roller

13. Which of the following should be checked on a daily basis for a tractor to last long?

- A. Air filter
- B. Battery
- C. Brake
- D. Engine oil

14. The maintenance of does NOT include \_\_\_\_\_.

- A. greasing of necessary parts
- B. regular servicing
- C. renewal of license when expired
- D. replacement of damaged parts

15. \_\_\_\_\_ are equipment that sows seeds in rows with very little space between the seeds.

- A. Drillers
- B. Tractors
- C. Sowers
- D. Sprayers

16. Which of the following is part of a farm combine harvester?

- A. Beater bar
- B. Conditioner
- C. Seed plate
- D. Furrow opener



17. Allen keys is a type of \_\_\_\_\_.

- A. hammer
- B. spanner
- C. driller
- D. planter

18. Which of the following is NOT a farm machine?

- A. Manure
- B. Incubators
- C. Cultivators
- D. Harvesters

19. The following are sources of farm power EXCEPT \_\_\_\_\_ power.

- A. human
- B. water
- C. tractor
- D. mechanical

20. In modern agriculture, \_\_\_\_\_ takes the place of watering cans.

- A. irrigation pumps
- B. drainage machines
- C. incubating machines
- D. plough

21. \_\_\_\_ is a special type of spanner.

- A. Bolt spanner
- B. Casket spanner
- C. Allen keys
- D. Closed spanner

22. The following are intermediate and implements EXCEPT \_\_\_\_.

- A. planter
- B. grinders
- C. sprayers
- D. ploughs

23. Large tractors used for working heavy soils are called \_\_\_\_.

- A. heavy duty tractors
- B. engine tractors
- C. heavy soil tractors
- D. caterpillar

24. The early men started the art of keeping domestic animals by \_\_\_\_.

- A. capturing some young animals and locking them in
- B. decreasing the number of their animals
- C. increasing the number of their animals
- D. using primitive tools to kill them

25. \_\_\_\_\_ are used for applying chemicals to the crop and the soil for the control of weeds, insects and diseases.

- A. Appliers
- B. Sprayers
- C. Drillers
- D. Ploughs

26. An important farm machine used for coupling many implements is \_\_\_\_\_.

- A. Motor car
- B. Elise harrow
- C. Harvester
- D. Tractor

27. The following are EXCEPT \_\_\_\_\_.

- A. dibbers
- B. harrows
- C. harvesters
- D. ploughs

28. The device used to pick up the cut grass and compress it for easy handling and is called \_\_\_\_\_.

- A. mowers
- B. lathes
- C. balers
- D. sprayer

29. Maintenance of includes the follow except \_\_\_\_\_.

- A. Sharpening of blunt tools
- B. Tighting of bolts and nuts
- C. canning
- D. Lubricating parts

30. What is the implement used to separate the maize grains from the corn?

- A. Maize caster
- B. Maize remover
- C. Maize separator
- D. Maize sheller

31. The following animals have been used as sources of farm power EXCEPT \_\_\_\_\_.

- A. pigs
- B. horses
- C. cattle
- D. asses

32. The used for primary tillage is called \_\_\_\_\_.

- A. tractor
- B. rotavator
- C. ridger
- D. plough

33. \_\_\_\_ tractors are small tractors used on small farms and in vegetable gardens.

- A. General
- B. Two-wheeled
- C. Track laying
- D. Heavy wheeled

34. Drillers are used for \_\_\_\_.

- A. drilling holes
- B. sowing seeds
- C. spreading fertilizer
- D. harvesting

35. \_\_\_\_ is NOT a function of the bulldozer in the farm.

- A. Levelling of land
- B. Harvesting crops
- C. Shifting large quantities of earth
- D. Uprooting large tree stumps

36. \_\_\_\_ supplies the most common form of farm energy.

- A. Farm animals
- B. Steam engine
- C. Sunlight
- D. Electricity

37. \_\_\_\_\_ is used to tighten loose bolts and nuts.

- A. Pliers
- B. Hammer
- C. Shears
- D. Spanner

38. The maintenance unit of in a large farm is known as \_\_\_\_\_.

- A. warehouse
- B. hall
- C. workshop
- D. store

39. A combined-harvester is used for harvesting \_\_\_\_\_

- A. groundnuts
- B. wheat
- C. rubber
- D. tomatoes

40. Which of these is an example of implements used by the tractor to work the soil?

- A. Watering can
- B. Irrigation pumps
- C. Cultivators
- D. Diggers

41. In many agricultural areas, animals are mostly engaged in \_\_\_\_\_.

- A. grain sowing
- B. land preparation
- C. horse racing
- D. crop harvesting

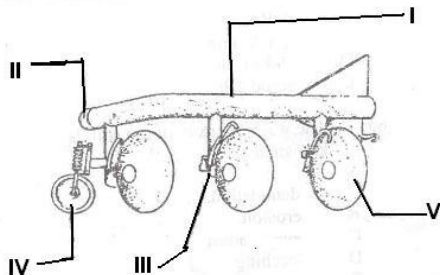
42. The following are weekly maintenance practices for EXCEPT\_\_\_\_\_.

- A. checking and refilling gear-box and axle oils
- B. checking oil cleaner
- C. checking tyre pressure
- D. changing fuel filters

43. A harrow made up of series of circular plates fixed at an angle to a frame is called a \_\_\_\_\_ harrow.

- A. trench
- B. disc
- C. circular
- D. covering

44. Which of the labeled parts is the furrow wheel?



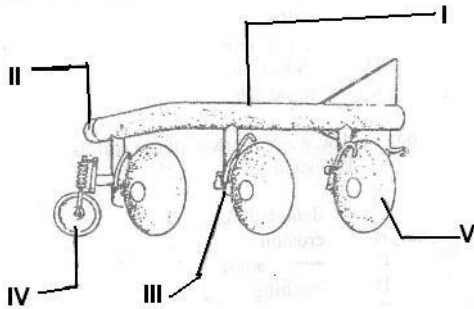
- A. I
- B. II

- C. III
- D. IV

45. The following are EXCEPT \_\_\_\_\_.

- A. tractors
- B. rhumbus
- C. sprayers
- D. harvesters

46. What is the name of the implement illustrated in the diagram above?



- A. Cultivator
- B. Plough
- C. Rigder
- D. Harrow

47. What is a baler?

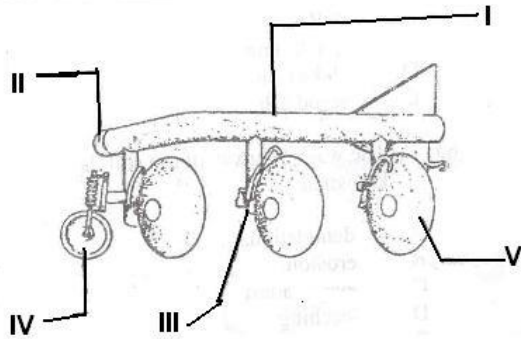
- A. A device used to bale grass
- B. A device used to cut grass
- C. A device used to pick up cut grass and compress it
- D. A drilling device



48. A planter is also called a \_\_\_\_\_.

- A. placement driller
- B. standard driller
- C. placement spreader
- D. placement sower

49. The part labeled I in this diagram is called



- A. beam
- B. coulter
- C. disc
- D. furrow wheel

50. Which of the following is an endo-parasite?

- A. Tick
- B. Tapeworm
- C. Mosquito
- D. Lice

51. Farm input include the following EXCEPT \_\_\_\_\_.

- A. cassava
- B. maize
- C. fingerlings
- D. tractor

52. It is important to oil metallic farm tools after cleaning before storing in order to \_\_\_\_\_.

- A. cool the tool
- B. improve their sharpness
- C. prevent rusting of the metal
- D. increase cost of maintenance

53. Which of these is a set of tools used in land preparation in a large farm?

- A. Hoe and cutlass
- B. Plough and digger
- C. Harrow and cutlass
- D. Plough and harrow

54. Hacksaws and lathes are used for \_\_\_\_\_.

- A. cutting plants
- B. cutting grass
- C. metal work
- D. pruning

55. The following are intermediate machinery EXCEPT \_\_\_\_\_

- A. planters
- B. lathes
- C. sprayers
- D. harrow

56. A plough is used for \_\_\_\_\_.

- A. breaking up and turning the soil
- B. loosening weeds between rows of plants
- C. breaking down the soil
- D. making ridges

57. The part of a tractor used for taking other implements is called \_\_\_\_\_.

- A. crow bar
- B. draw bar
- C. push bar
- D. pull bar

58. \_\_\_\_\_ is an example of a spanner.

- A. Bolt spanner
- B. Short spanner
- C. Closed spanner
- D. None of the above

59. Before the discovery of tractors, what farm animals were used for pulling farm implements to work the soil?

- A. Dogs
- B. Cattle
- C. Donkeys
- D. Horses

60. The following are types of spanners EXCEPT \_\_\_\_\_.

- A. bolt spanner
- B. Allen keys
- C. open-end spanner
- D. socket spanner

61. Diarrhea stained with blood is a symptom of \_\_\_\_\_.

- A. trypanosomiasis
- B. coccidiosis
- C. ketosis
- D. brucellosis

## TOPIC: FARM RECORDS

**DIRECTION:** Choose the correct answer from the lettered options.

1. The record of all items produced on the farm including crops, livestock and their products is called?

- A. Production record
- B. Sales record
- C. Inventory record
- D. Breeding
- E. Consumptive records

2. \_\_\_\_\_ record is a record kept for the feeding, breeding, production and management practices in farm animal.

- A. Inventory
- B. Production
- C. Livestock
- D. Breeding

3. A farm diary contains the following with the exception of \_\_\_\_\_.

- A. type of work done
- B. number of workers
- C. date
- D. numbers of and equipment

4. A record of all properties and resources owned by the farmer is recorded in \_\_\_\_.

- A. farm inventory
- B. production record
- C. farm diary
- D. diary

5. Are \_\_\_\_.

- A. boards that show animal feed record
- B. books that show what is in the farm
- C. books showing the record of sales of eggs
- D. books showing the activities within a planting season

6. Which of the following is NOT a reason for keeping farm records.

- A. It creates opportunity for improvement in the farm
- B. It helps to access the progress on the farm
- C. It helps farmers obtain loan from banks
- D. It helps farmers to know land use decree

7. The record of day to day events on the farm is recorded in the \_\_\_\_.

- A. input record
- B. production record
- C. farm diary
- D. farm inventory

8. A record of all the property and resources owned by the farmer is called \_\_\_\_\_.

- A. stock farm record
- B. farm record
- C. farm inventory
- D. stock record

9. Livestock records are best kept \_\_\_\_\_.

- A. quarterly
- B. monthly
- C. weekly
- D. daily

10. A record necessary for a farmer to present when he wants to get a loan from the bank is the \_\_\_\_\_ record.

- A. sales
- B. farm inventory
- C. production
- D. consumption

11. Records of all transactions such as income and expenditure, profit and loss account are recorded in the \_\_\_\_\_.

- A. inputs records
- B. crop record
- C. farm record
- D. farm diary

12. The following are functions of except.

- A. For farm budgeting and making of future plans
- B. It enables the farmer to know how he feed his family
- C. it provide history of what happen on the farm which can be referred to from time to time
- D. It determine the strengths and weaknesses in the farming method

13. \_\_\_\_\_ record is not a type of farm record.

- A. Farm diary
- B. Climate
- C. Consumption
- D. sale

14. A farm inventory should contain the following with the exception of \_\_\_\_\_.

- A. sale of all farm product
- B. number and types of buildings
- C. detailed descriptions of all farmland
- D. number and types of machinery and equipment

15. \_\_\_\_\_ record is not part of the production record

- A. Crop
- B. Sales
- C. Breeding
- D. Livestock



## TOPIC: FARM STRUCTURES AND BUILDINGS

**DIRECTION:** Choose the correct answer from the lettered options.

1. Concrete pits in the ground used as a bath for livestock are called \_\_\_\_\_.

- A. livestock pits
- B. animal pits
- C. animal dips
- D. farm dips

2. The following are found on a farm land EXCEPT \_\_\_\_\_.

- A. irrigation canal
- B. barns
- C. fences
- D. deposit pit

3. An animal pit is used to \_\_\_\_\_.

- A. store animal feed
- B. bath livestock
- C. process animal feed
- D. keep animals during quarantine

4. \_\_\_\_\_ are constructed in farms for carrying water from rivers.

- A. Dams
- B. Basins
- C. Watering cans
- D. Canals

5. The following farm structures are classified under structures EXCEPT \_\_\_\_\_.

- A. cribs
- B. silo
- C. fish pond
- D. feed mills

6. Barns are farm structures used for the \_\_\_\_\_.

- A. cassava
- B. grains
- C. yam
- D. tomatoes

7. The following farm structures are classified under production structures EXCEPT \_\_\_\_\_.

- A. grazing paddock
- B. batter cage
- C. oil palm press
- D. rabbit hutches

8. Plants like cassava are stored in \_\_\_\_\_.

- A. rhumbus
- B. barns
- C. cribs
- D. silo

9. Anything which is constructed on the farm site to make certain farming operations easier is called \_\_\_\_\_.

- A. farm industry
- B. farm facility
- C. farm structure
- D. farm implement

10. Oil palm press and rice mill are classified under \_\_\_\_\_ farm structures.

- A. production
- B. processing
- C. Selling
- D. working

11. Bore whole, water tank, farm shed are classified under \_\_\_\_\_ farm structure.

- A. crop
- B. livestock
- C. miscellaneous
- D. farm building

12. The canal is used for \_\_\_\_\_.

- A. stopping the follow of water
- B. planting seeds
- C. directing water to farm from rivers
- D. passing fertilizer

13. Which of the following is NOT a farm input?

- A. Fertilizer
- B. Herbicide
- C. Insecticide
- D. Milk

14. Disposal pits, electric poles, dams and barns are grouped under \_\_\_\_\_.

- A. farm implements
- B. farm construct
- C. farm facilities
- D. farm structures

15. Nurseries for raising seedlings are examples of \_\_\_\_\_ farm buildings.

- A. permanent
- B. temporary
- C. Processing
- D. living

16. A gutter for removing excess water from a farm is called \_\_\_\_\_.

- A. evacuation canal
- B. drainage canal
- C. removal canal
- D. transport canal

17. Irrigation systems and rabbit hutches are classified under \_\_\_\_ farm structure.

- A. Permanent
- B. processing
- C. production
- D. application

18. Which of the following is classified under farm buildings?

- A. Farm gate
- B. Rhombus
- C. Silo
- D. Workshop

19. The following are under miscellaneous farm structures EXCEPT \_\_\_\_.

- A. farm shed
- B. workshop
- C. compost pit
- D. farm gate

20. Slaughter slabs and grain mills are classified under \_\_\_\_\_ farm structures.

- A. crop
- B. livestock
- C. processing
- D. miscellaneous
- E. farm buildings

21. A special pit dug in the farm to make manure for crops is \_\_\_\_\_.

- A. waste pit
- B. compost pit
- C. composite pit
- D. manure pit

22. Farm gate and compost pit are classified under \_\_\_\_\_ farm structures.

- A. crop
- B. miscellaneous
- C. processing
- D. farm building

23. \_\_\_\_\_ are constructed on farms to make animal feeds.

- A. Feed stores
- B. Feed houses
- C. Feed mills
- D. feed barns

24. A compost pit is used to \_\_\_\_\_.

- A. make feed for animals
- B. process animal feed
- C. make manure for crops
- D. store manure for crops

25. The following are the groups of farm structures EXCEPT \_\_\_\_\_ structure.

- A. crop
- B. school
- C. livestock
- D. processing

26. Animal pens are examples of \_\_\_\_\_ farm buildings.

- A. permanent
- B. production
- C.
- D. temporary

27. A tall circular or rectangular farm structure made of concrete or stainless steel is known as \_\_\_\_\_.

- A. fences
- B. fodder
- C. silt
- D. silos

28. Fencing serves all the purposes below EXCEPT to \_\_\_\_\_.

- A. add beauty to the farm
- B. control movement of animals
- C. demarcate boundaries
- D. increase yield

29. What structure is used to dry maize which is still on the cob?

- A. Silo
- B. Rhumbus
- C. Cribs
- D. Barns

30. Which of the following is NOT a farm structure?

- A. Disposal pit
- B. Dipping trench
- C. Drainage canals
- D. Workshop



## TOPIC: FARMING SYSTEMS

**DIRECTION:** Choose the correct answer from the lettered options.

1. Sole cropping is another name for \_\_\_\_\_.
  - A. One cropping
  - B. mono cropping
  - C. multiple cropping
  - D. strip cropping
  
2. \_\_\_\_\_ is a farming system in which periods of crop production are alternated with periods of vegetative fallow?
  - A. bush fallowing
  - B. ranching
  - C. mixed farming
  - D. crop fallowing
  
3. Crop rotation on slopes with alternate areas of ground covering crop and spaced crop is called \_\_\_\_\_.
  - A. terrace cropping
  - B. mixed cropping
  - C. strip cropping
  - D. cover cropping
  
4. The Fulani's' are known especially for \_\_\_\_\_ farming system.
  - A. mixed
  - B. nomadic
  - C. ranching
  - D. bush fallowing

5. The growing of two or more monocrops, one after the other on the same farm in the same year is called \_\_\_\_\_.

- A. relay cropping
- B. intercropping
- C. variable cropping
- D. fixed cropping

6. Which of the following is an advantage of crop rotation?

- A. It helps to control mechanization.
- B. It helps to control pests.
- C. It helps to control weeds.
- D. All of the above

7. A cropping system that involves cultivation from year to year is called \_\_\_\_\_.

- A. continuous cropping
- B. crop rotation
- C. inter cropping
- D. mixed cropping

8. The following are examples of EXCEPT \_\_\_\_\_.

- A. mixed farming
- B. bush fallowing
- C. pastoral farming
- D. crop fallowing

9. Relay cropping involves \_\_\_\_.

- A. growing crops in relay fashion
- B. growing two or more monocrops one after the other on the same farm in a year
- C. growing one monocrop season by season in a farm
- D. growing two monocrops season by season in a relay fashion

10. There are \_\_\_\_ types of pastoral farming.

- A. 2
- B. 4
- C. 3
- D. 5

11. Bush fallowing is a farming system in which \_\_\_\_\_.

- A. crops are planted in fallow bushes
- B. the crops are planted between bushes
- C. periods of crop production are altered with periods of vegetative fallow
- D. periods of crop production are altered every year

12. Continuous cultivation results in low yield when \_\_\_\_\_.

- A. soil fertility is not maintained
- B. crop rotation is practiced on the farm
- C. cultivation is not regular
- D. very early harvests are made

13. \_\_\_\_ is a system which involves growing different crops in a systematic sequence on the same piece of land.

- A. Continuous cropping
- B. Crop rotation
- C. Mixed cropping
- D. Multiple cropping

14. \_\_\_\_ is NOT an example of a cropping system.

- A. Crop rotation
- B. Monocropping
- C. Multiple cropping
- D. Variable cropping

15. \_\_\_\_\_ is an advantage of mixed farming.

- A. Animal can graze on the crops
- B. It prevents the rapid buildup and spread of diseases and insects pest
- C. Farmers attention is undivided
- D. Residue from crops can be fed to the livestock

16. \_\_\_\_ system refers to the type of agriculture practiced in an area.

- A. Cropping
- B. Growing
- C. Agricultural
- D. Farming

17. The common farming practice adopted in a populated area where land is plentiful is \_\_\_\_\_.

- A. crop rotation
- B. bush fallow
- C. crop improvement
- D. shifting cultivation

18. \_\_\_\_\_ is a practice where by a farmer moves his animals from one place to another in search of food.

- A. Ley farming
- B. Mixed farming
- C. Following farming
- D. Nomadic farming

19. Which of the following cropping systems discourages wide spread of pests and diseases?

- A. intercropping
- B. mixed farming
- C. crop rotation
- D. strip cropping

20. \_\_\_\_\_ is a type of intercropping in which the crops grown are mixed in each row.

- A. Strip intercropping
- B. Row intercropping
- C. Mixed intercropping
- D. Relay intercropping

21. Pastoral farming is a system in which \_\_\_\_\_.

- A. pasture crop is established
- B. only grazing animals are kept
- C. poultry is kept
- D. only pasture crop and animals are kept

22. \_\_\_\_\_ is the practice of growing two or more crops on the same farm in the same year.

- A. mixed cropping
- B. fixed cropping
- C. many cropping
- D. multiple cropping

23. The farming system which involves the cultivation of a piece of land from year to year is called \_\_\_\_\_.

- A. continuous cropping
- B. crop rotation
- C. monoculture
- D. pastoral farming

24. \_\_\_\_\_ refers to the practice of growing two or more monocrops, one after the other on the same farm in the same year.

- A. Mixed cropping
- B. Tricropping
- C. Relay cropping
- D. Inter cropping

25. \_\_\_\_\_ is NOT a factor that determines the adaptation of farming and cropping systems with respect to soil.

- A. Texture
- B. Topography
- C. Nutrient availability
- D. Rainfall

26. Ley farming is also known as \_\_\_\_\_.

- A. Nomadic farming
- B. bush fallowing
- C. rotation pasture
- D. ranching

27. In which farming system are both the products of crops and animals NOT wasted?

- A. Mixed farming
- B. Taungya farming
- C. Crop farming
- D. Mixed cropping

28. The different patterns of growing crops and mixture of crops is known as \_\_\_\_\_.

- A. farming system
- B. growing system
- C. cropping system
- D. agricultural system

29. The following are factors that affect the choice of EXCEPT \_\_\_\_\_.

- A. nature of soil
- B. cultural factor
- C. nearness to water source
- D. economic factor

30. Which of the following is true about mixed farming?

- A. Only the animals are important.
- B. Only the crops are important.
- C. Both the products of crops and animals are not preserved.
- D. It is a wasteful farming system.

31. \_\_\_\_\_ is NOT a factor that determines the adaptation of a cropping system.

- A. Climate
- B. Soil
- C. Housing
- D. Economy

32. Which of the following has the highest risk of spreading crop diseases?

- A. Crop rotation
- B. Mixed cropping
- C. Mixed farming
- D. Monocropping



## TOPIC: HISTORY & PROBLEMS OF AGRIC DEVELOPMENT IN NIGERIA

**DIRECTION: Choose the correct answer from the lettered options.**

1. Man's earliest farm implements were made up of the following EXCEPT \_\_\_\_\_.

- A. wood
- B. tractors
- C. stones
- D. metals

2. 'Operation Feed the Nation' was introduced by \_\_\_\_\_

- A. General M Buhari
- B. General Olusegun Obasanjo
- C. General Ibrahim Babangida
- D. President Shehu Shagari

3. The 'School to land' programme was introduced by whose government \_\_\_\_\_.

- A. General Olusegun Obasanjo
- B. General M Buhari
- C. President Shehu Shagari
- D. General Ibrahim Babangida

4. One of the important factors associated with soil formation is \_\_\_\_\_.

- A. bird
- B. time
- C. capillarity
- D. plant

5. Man's earliest farm implements comprised the following EXCEPT \_\_\_\_\_.

- A. wood
- B. asbestos
- C. stones
- D. metals

6. School to land programmed was introduced in \_\_\_\_\_.

- A. 1984
- B. 1980
- C. 1964
- D. 1994

7. The oldest industry that can be traced to the earliest societies is \_\_\_\_\_.

- A. furniture and upholstery industry
- B. chemical industry
- C. agriculture
- D. poultry

8. What government introduced the Green revolution?

- A. General Buhari
- B. General Olusegun Obasanjo
- C. President Shehu Shagari
- D. General Ibrahim Babangida

9. The type of soil recommended for fish pond establishment is \_\_\_\_\_ soil.

- A. silt
- B. clay
- C. humus
- D. sandy

10. Which of the following is a bony fish?

- A. Carp
- B. Shark
- C. Gold fish
- D. Mackerel

## TOPIC: NIGERIAN VEGETATION AND FORESTRY

**DIRECTION: Choose the correct answer from the lettered options.**

1. Which tree has the botanical name *Chlotophora excelsa*?
  - A. Mahogany
  - B. Ebeche
  - C. Iroko
  - D. Plantain
  
2. Which of the following forest products can be useful in soap production?
  - A. Gum
  - B. Honey
  - C. Palm oil
  - D. Rubber
  
3. \_\_\_\_\_ is a vegetation NOT found in Nigeria.
  - A. Low forest
  - B. Sudan savanna
  - C. Guinea savanna
  - D. High forest
  
4. All these are forest animals EXCEPT \_\_\_\_\_.
  - A. snail
  - B. sheep
  - C. green monkey
  - D. bush fowl

5. Crops like groundnut and cowpea grow well in the \_\_\_\_ zone.
- A. rain forest
  - B. Sudan
  - C. savannah
  - D. Sahara
6. An area of land where fruit trees are cultivated is called \_\_\_\_\_.
- A. a nursery
  - B. a garden
  - C. an orchard
  - D. an estate
7. In which of the following vegetational zones of West Africa is large scale production of sorghum and maize feasible?
- A. Tropical rainforest
  - B. Sahel savannah
  - C. Guinea savannah
  - D. Mangrove forest
8. Which of these is NOT an influence of forest on soil?
- A. It encourages soil erosion.
  - B. It increases fertility of soil.
  - C. It increases organic matter content of soils.
  - D. It provides cover for the soil.

9. One of the characteristic features of Nigeria Savannah belt is the large scale cultivation of \_\_\_\_\_ crops.

- A. cereal
- B. beverage
- C. root
- D. root and tuber

10. Rain forest zone is unfavorable for the rearing of animals because of the infestation of \_\_\_\_\_.

- A. white fly
- B. tse-tse fly
- C. house fly
- D. black fly

11. In the savannah belt of Nigeria, there is large scale cultivation of \_\_\_\_\_ crops.

- A. cereal
- B. beverage
- C. root
- D. root and tuber

12. Which of these is a forest tree?

- A. Mahogany
- B. Cassia
- C. Orange
- D. Guava

13. The following crops are adapted to the rain forest region of the south EXCEPT \_\_\_\_\_.

- A. banana
- B. cocoa
- C. rice
- D. kola nuts

14. Which of the following vegetation zones experiences the shortest rainy season?

- A. Sudan savanna
- B. Guinea savanna
- C. Sahel savanna
- D. Mangrove swamp

15. The most suitable vegetation for the planting of cocoa, rubber and oil palm is \_\_\_\_\_.

- A. savanna grass land
- B. rainforest zone
- C. mangrove forest
- D. swamp forest

16. Which geographical region is characterized by the growth of tall trees such as iroko, mahogany, oil palm, rubber etc.?

- A. Guinea savanna
- B. Sahel savanna
- C. Rainforest
- D. Swamp forest

17. The botanical name of Iroko is \_\_\_\_\_.

- A. Terminalia ivorensis
- B. Antiaris Africana
- C. Chlorophora excelsa
- D. Lova trichilioides

18. The following are primary products of forests EXCEPT \_\_\_\_\_.

- A. fuel wood
- B. gum Arabic
- C. pulp
- D. timber



## TOPIC: ROLE OF SCIENCE AND TECHNOLOGY IN AGRICULTURE

**DIRECTION:** Choose the correct answer from the lettered options.

1. Which of the following is NOT a problem facing agriculture in Nigeria?
  - A. Lack of capital
  - B. Ignorance
  - C. High labour cost
  - D. facilities
  
2. If the area of a garden of length 42m is 630m square. What is the width of the garden?
  - A. 20m
  - B. 15m
  - C. 18m
  - D. 16m
  
3. Science and technology have helped in agriculture in the following ways EXCEPT improvement of \_\_\_\_\_.
  - A. yam harvesting
  - B. animal nutrition
  - C. crops
  - D. facilities

4. An agriculturalist who specializes in the production of crops is called \_\_\_\_\_.

- A. Agriculture economics
- B. Agronomist
- C. Agriculturist
- D. Agriculture man

5. The length of a school farm is 150m and it is 70m wide. What is the area of the farm?

- A. 10,500 metre square
- B. 1,050 metre square
- C. 15,000 metre square
- D. 10,000 metre square

6. In sitting a school farm, which of the following is NOT considered?

- A. Good access road
- B. Nearness to the market
- C. Nearness to the school
- D. Source of water

7. Which of the following should NOT be considered when selecting a site for vegetable garden?

- A. adequate water source
- B. nearness to farm stead
- C. nature of the soil
- D. nearness to market

8. In siting a school farm, which of the following is NOT considered?

- A. good access road
- B. nearness to the market
- C. nearness to the school
- D. source of water

9. Agro base industries are those that \_\_\_\_\_.

- A. employ only farmers
- B. produce agricultural equipment
- C. produce fertilizer
- D. use agricultural raw materials

10. Which of the following should NOT be considered when selecting a farm site?

- A. Availability of land
- B. Security
- C. Accessibility
- D. Farm equipment

11. Which of the following is NOT a role of science and technology in agriculture?

- A. Pest and disease control
- B. Farm power and machinery
- C. Production of chemical fertilizers
- D. Nomadic farming operations

## TOPIC: STORAGE

**DIRECTION: Choose the correct answer from the lettered options.**

1. The use of refrigerators and freezers in is termed \_\_\_\_\_.

- A. cold
- B. glaze
- C. icing
- D. freezing

2. Grains are stored in \_\_\_\_\_.

- A. cribs
- B. silos
- C. rhumbus
- D. sacks

3. What is the use of a rhumbus?

- A. Storing water
- B. Storing grains
- C. Storing farm materials
- D. Storing yam

4. The following are farm methods EXCEPT \_\_\_\_\_.

- A. silo
- B. rhumbus
- C. crib
- D. animal dips

5. The following factors are known to affect food EXCEPT \_\_\_\_\_.

- A. sun light
- B. moisture content
- C. relative humidity
- D. temperature

6. \_\_\_\_\_ is aimed at reducing the amount of food spoilage caused by disease and pest attacks.

- A. Food production
- B. Food processing
- C. Food and preservation
- D. Food cultivation

7. Of grains in air-tight bins and cans is called \_\_\_\_\_.

- A. bin
- B. air-tight
- C. hermetic
- D. grain

8. The process of leaving frozen products to defrost is called \_\_\_\_\_.

- A. cooling
- B. thawing
- C. browning
- D. defrosting

9. The use of tins and drums to store small quantities of grains is called \_\_\_\_\_.

- A. bagging
- B. bin
- C. bag
- D. drummer

10. Which of these is a method of preserving fish?

- A. Canning
- B. Drying
- C. Salting
- D. All of the above

11. \_\_\_\_\_ is NOT a method of preserving fish.

- A. salting
- B. frying
- C. smoking
- D. freezing

12. Which of the following is NOT a method of storing grains?

- A. Silo
- B. Rhumbus
- C. Cribs
- D. Dams

13. Barns are farm structures used for the of \_\_\_\_\_.

- A. cassava
- B. grains
- C. yam
- D. tomatoes

14. The following can be stored using cold EXCEPT \_\_\_\_\_.

- A. yoghurt
- B. milk
- C. grains
- D. vegetables

15. A barn is used to store \_\_\_\_\_.

- A. cassava
- B. cocoyam
- C. yam
- D. sweet potato

# ANSWERS



## TOPIC: FARM MACHINERY

**DIRECTION:** Choose the correct answer from the lettered options.

1. In the maintenance of a tractor, \_\_\_\_\_ is least important.

- A. replacing all worn and missing parts
- B. draining and clean the radiator
- C. tightening all loose bolts and nuts
- D. painting when defaced

The correct answer is option [D].

2. A mower is used for \_\_\_\_\_

- A. cutting
- B. dressing
- C. shelling
- D. threshing

The correct answer is option [A].

3. Which of the following is a primary machinery?

- A. Cultivator
- B. Plough
- C. Extractor
- D. Rotator

The correct answer is option [B]

4. The following are types of tractors EXCEPT \_\_\_\_\_.

- A. two-wheeled tractor
- B. general-purpose tractors
- C. clearing tractors
- D. heavy wheeled tractors

The correct answer is option [C].

5. A typical example of a secondary tillage implement is called \_\_\_\_\_.

- A. plough
- B. harrow
- C. ridger
- D. chisel plough

The correct answer is option [B]

6. A which helps in pulling, pushing and lifting other farm machines is called a \_\_\_\_\_.

- A. wheel barrow
- B. plough
- C. mower
- D. tractor

The correct answer is option [D].

7. Which of the following is NOT a farm machine?

- A. Plough
- B. Wheel barrow
- C. Tractor
- D. Harvester

The correct answer is option [B]

8. The main use of farm machines is to \_\_\_\_\_.

- A. control weeds
- B. supply water to farm land
- C. keep farm animals healthy
- D. increase efficiency in the farm work

The correct answer is option [D].

9. The lubrication of the moving parts of machinery is to reduce \_\_\_\_\_.

- A. movement
- B. breakage
- C. friction
- D. tearing

The correct answer is option [C].

10. \_\_\_\_\_ is a primary tillage equipment.

- A. Ridger
- B. Mover
- C. Plough
- D. Tractor

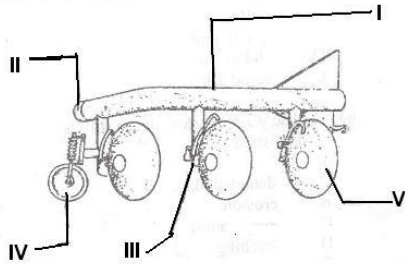
The correct answer is option [C]

11. Two-wheeled tractors are sometimes called \_\_\_\_\_.

- A. florist tractors
- B. general tractors
- C. horticultural tractors
- D. food tractors

The correct answer is option [C].

12. What is the name of the part labeled V?



- A. Beam
- B. Couter
- C. Disc
- D. Roller

The correct answer is option [C].

13. Which of the following should be checked on a daily basis for a tractor to last long?

- A. Air filter
- B. Battery
- C. Brake
- D. Engine oil

The correct answer is option [D].

14. The maintenance of does NOT include \_\_\_\_\_.

- A. greasing of necessary parts
- B. regular servicing
- C. renewal of license when expired
- D. replacement of damaged parts

The correct answer is option [C].

15. \_\_\_\_ are equipment that sows seeds in rows with very little space between the seeds.

- A. Drillers
- B. Tractors
- C. Sowers
- D. Sprayers

The correct answer is option [A].

16. Which of the following is part of a farm combine harvester?

- A. Beater bar
- B. Conditioner
- C. Seed plate
- D. Furrow opener

The correct answer is option [A].

17. Allen keys is a type of \_\_\_\_.

- A. hammer
- B. spanner
- C. driller
- D. planter

The correct answer is option [B].

18. Which of the following is NOT a farm machine?

- A. Manure
- B. Incubators
- C. Cultivators
- D. Harvesters

The correct answer is option [A]

19. The following are sources of farm power EXCEPT \_\_\_\_\_ power.

- A. human
- B. water
- C. tractor
- D. mechanical

The correct answer is option [C]

20. In modern agriculture, \_\_\_\_\_ takes the place of watering cans.

- A. irrigation pumps
- B. drainage machines
- C. incubating machines
- D. plough

The correct answer is option [A].

21. \_\_\_\_\_ is a special type of spanner.

- A. Bolt spanner
- B. Casket spanner
- C. Allen keys
- D. Closed spanner

The correct answer is option [C].

22. The following are intermediate and implements EXCEPT \_\_\_\_\_.

- A. planter
- B. grinders
- C. sprayers
- D. ploughs

The correct answer is option [B]

23. Large tractors used for working heavy soils are called \_\_\_\_\_.

- A. heavy duty tractors
- B. engine tractors
- C. heavy soil tractors
- D. caterpillar

The correct answer is option [A].

24. The early men started the art of keeping domestic animals by \_\_\_\_\_.

- A. capturing some young animals and locking them in
- B. decreasing the number of their animals
- C. increasing the number of their animals
- D. using primitive tools to kill them

The correct answer is option [A].

25. \_\_\_\_\_ are used for applying chemicals to the crop and the soil for the control of weeds, insects and diseases.

- A. Appliers
- B. Sprayers
- C. Drillers
- D. Ploughs

The correct answer is option [B].

26. An important farm machine used for coupling many implements is \_\_\_\_\_.

- A. Motor car
- B. Elise harrow
- C. Harvester
- D. Tractor

The correct answer is option [D]

27. The following are EXCEPT \_\_\_\_\_.

- A. dibbers
- B. harrows
- C. harvesters
- D. ploughs

The correct answer is option [A].

28. The device used to pick up the cut grass and compress it for easy handling and is called \_\_\_\_\_.

- A. mowers
- B. lathes
- C. balers
- D. sprayer

The correct answer is option [C].

29. Maintenance of includes the follow except \_\_\_\_\_.

- A. Sharpening of blunt tools
- B. Tighting of bolts and nuts
- C. canning
- D. Lubricating parts

The correct answer is option [C].

30. What is the implement used to separate the maize grains from the corn?

- A. Maize caster
- B. Maize remover
- C. Maize separator
- D. Maize sheller

The correct answer is option [D].



31. The following animals have been used as sources of farm power EXCEPT \_\_\_\_.

- A. pigs
- B. horses
- C. cattle
- D. asses

The correct answer is option [A].

32. The used for primary tillage is called \_\_\_\_.

- A. tractor
- B. rotavator
- C. ridger
- D. plough

The correct answer is option [D].

33. \_\_\_\_ tractors are small tractors used on small farms and in vegetable gardens.

- A. General
- B. Two-wheeled
- C. Track laying
- D. Heavy wheeled

The correct answer is option [B].

34. Drillers are used for \_\_\_\_.

- A. drilling holes
- B. sowing seeds
- C. spreading fertilizer
- D. harvesting

The correct answer is option [B].

35. \_\_\_\_ is NOT a function of the bulldozer in the farm.

- A. Levelling of land
- B. Harvesting crops
- C. Shifting large quantities of earth
- D. Uprooting large tree stumps

The correct answer is option [B]

36. \_\_\_\_\_ supplies the most common form of farm energy.

- A. Farm animals
- B. Steam engine
- C. Sunlight
- D. Electricity

The correct answer is option [A]

37. \_\_\_\_ is used to tighten loose bolts and nuts.

- A. Pliers
- B. Hammer
- C. Shears
- D. Spanner

The correct answer is option [D].

38. The maintenance unit of in a large farm is known as \_\_\_\_\_.

- A. warehouse
- B. hall
- C. workshop
- D. store

The correct answer is option [C].

39. A combined-harvester is used for harvesting \_\_\_\_\_

- A. groundnuts
- B. wheat
- C. rubber
- D. tomatoes

The correct answer is option [B]

40. Which of these is an example of implements used by the tractor to work the soil?

- A. Watering can
- B. Irrigation pumps
- C. Cultivators
- D. Diggers

The correct answer is option [C].

41. In many agricultural areas, animals are mostly engaged in \_\_\_\_\_.

- A. grain sowing
- B. land preparation
- C. horse racing
- D. crop harvesting

The correct answer is option [B]

42. The following are weekly maintenance practices for EXCEPT \_\_\_\_\_.

- A. checking and refilling gear-box and axle oils
- B. checking oil cleaner
- C. checking tyre pressure
- D. changing fuel filters

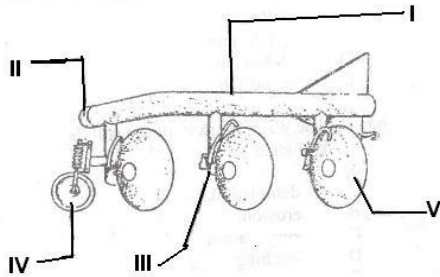
The correct answer is option [D].

43. A harrow made up of series of circular plates fixed at an angle to a frame is called a \_\_\_\_\_ harrow.

- A. trench
- B. disc
- C. circular
- D. covering

The correct answer is option [B].

44. Which of the labeled parts is the furrow wheel?



- A. I
- B. II
- C. III
- D. IV

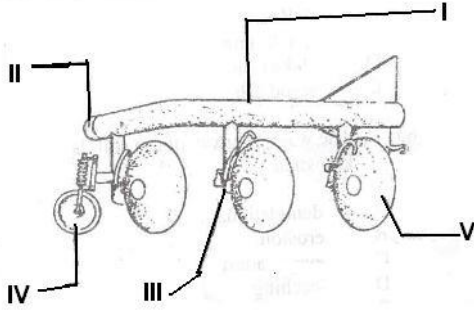
The correct answer is option [D].

45. The following are EXCEPT \_\_\_\_\_.

- A. tractors
- B. rhumbus
- C. sprayers
- D. harvesters

The correct answer is option [B]

46. What is the name of the implement illustrated in the diagram above?



- A. Cultivator
- B. Plough
- C. Ridger
- D. Harrow

The correct answer is option [B].

47. What is a baler?

- A. A device used to bale grass
- B. A device used to cut grass
- C. A device used to pick up cut grass and compress it
- D. A drilling device

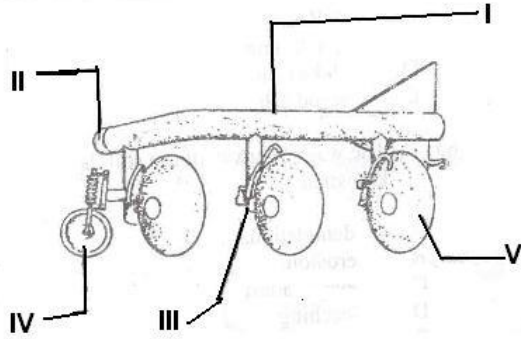
The correct answer is option [C].

48. A planter is also called a \_\_\_\_.

- A. placement driller
- B. standard driller
- C. placement spreader
- D. placement sower

The correct answer is option [A].

49. The part labeled I in this diagram is called



- A. beam
- B. coulter
- C. disc
- D. furrow wheel

The correct answer is option [A].

50. Which of the following is an endo-parasite?

- A. Tick
- B. Tapeworm
- C. Mosquito
- D. Lice

The correct answer is option [B]

51. Farm input include the following EXCEPT \_\_\_\_\_.

- A. cassava
- B. maize
- C. fingerlings
- D. tractor

The correct answer is option [D].

52. It is important to oil metallic farm tools after cleaning before storing in order to \_\_\_\_.

- A. cool the tool
- B. improve their sharpness
- C. prevent rusting of the metal
- D. increase cost of maintenance

The correct answer is option [C]

53. Which of these is a set of tools used in land preparation in a large farm?

- A. Hoe and cutlass
- B. Plough and digger
- C. Harrow and cutlass
- D. Plough and harrow

The correct answer is option [D].

54. Hacksaws and lathes are used for \_\_\_\_\_.

- A. cutting plants
- B. cutting grass
- C. metal work
- D. pruning

The correct answer is option [C].

55. The following are intermediate machinery EXCEPT \_\_\_\_\_

- A. planters
- B. lathes
- C. sprayers
- D. harrow

The correct answer is option [D].

56. A plough is used for \_\_\_\_.

- A. breaking up and turning the soil
- B. loosening weeds between rows of plants
- C. breaking down the soil
- D. making ridges

The correct answer is option [A].

57. The part of a tractor used for taking other implements is called \_\_\_\_.

- A. crow bar
- B. draw bar
- C. push bar
- D. pull bar

The correct answer is option [B].

58. \_\_\_\_ is an example of a spanner.

- A. Bolt spanner
- B. Short spanner
- C. Closed spanner
- D. None of the above

The correct answer is option [D]



59. Before the discovery of tractors, what farm animals were used for pulling farm implements to work the soil?

- A. Dogs
- B. Cattle
- C. Donkeys
- D. Horses

The correct answer is option [B].

60. The following are types of spanners EXCEPT \_\_\_\_\_.

- A. bolt spanner
- B. Allen keys
- C. open-end spanner
- D. socket spanner

The correct answer is option [A].

61. Diarrhea stained with blood is a symptom of \_\_\_\_\_.

- A. trypanosomiasis
- B. coccidiosis
- C. ketosis
- D. brucellosis

The correct answer is option [B]

## TOPIC: FARM RECORDS

**DIRECTION:** Choose the correct answer from the lettered options.

1. The record of all items produced on the farm including crops, livestock and their products is called?

- A. Production record
- B. Sales record
- C. Inventory record
- D. Breeding
- E. Consumptive records

The correct answer is option [A]

2. \_\_\_\_\_ record is a record kept for the feeding, breeding, production and management practices in farm animal.

- A. Inventory
- B. Production
- C. Livestock
- D. Breeding

The correct answer is option [C]

3. A farm diary contains the following with the exception of \_\_\_\_\_.

- A. type of work done
- B. number of workers
- C. date
- D. numbers of and equipment

The correct answer is option [D]

4. A record of all properties and resources owned by the farmer is recorded in \_\_\_\_\_.

- A. farm inventory
- B. production record
- C. farm diary
- D. diary

The correct answer is option [A]

5. Are \_\_\_\_\_.

- A. boards that show animal feed record
- B. books that show what is in the farm
- C. books showing the record of sales of eggs
- D. books showing the activities within a planting season

The correct answer is option [D]

6. Which of the following is NOT a reason for keeping farm records.

- A. It creates opportunity for improvement in the farm
- B. It helps to access the progress on the farm
- C. It helps farmers obtain loan from banks
- D. It helps farmers to know land use decree

The correct answer is option [D].

7. The record of day to day events on the farm is recorded in the \_\_\_\_\_.

- A. input record
- B. production record
- C. farm diary
- D. farm inventory

The correct answer is option [C]

8. A record of all the property and resources owned by the farmer is called \_\_\_\_\_.

- A. stock farm record
- B. farm record
- C. farm inventory
- D. stock record

The correct answer is option [C].

9. Livestock records are best kept \_\_\_\_\_.

- A. quarterly
- B. monthly
- C. weekly
- D. daily

The correct answer is option [D]

10. A record necessary for a farmer to present when he wants to get a loan from the bank is the \_\_\_\_\_ record.

- A. sales
- B. farm inventory
- C. production
- D. consumption

The correct answer is option [B]

11. Records of all transactions such as income and expenditure, profit and loss account are recorded in the \_\_\_\_\_.

- A. inputs records
- B. crop record
- C. farm record

D. farm diary

The correct answer is option [C]

12. The following are functions of except.

A. For farm budgeting and making of future plans

B. It enables the farmer to know how he feed his family

C. it provide history of what happen on the farm which can be referred to from time to time

D. It determine the strengths and weaknesses in the farming method

The correct answer is option [B]

13. \_\_\_\_\_ record is not a type of farm record.

A. Farm diary

B. Climate

C. Consumption

D. sale

The correct answer is option [B]

14. A farm inventory should contain the following with the exception of \_\_\_\_\_.

A. sale of all farm product

B. number and types of buildings

C. detailed descriptions of all farmland

D. number and types of machinery and equipment

The correct answer is option [A]

15. \_\_\_\_\_ record is not part of the production record

- A. Crop
- B. Sales
- C. Breeding
- D. Livestock

The correct answer is option [B]

## TOPIC: FARM STRUCTURES AND BUILDINGS

**DIRECTION:** Choose the correct answer from the lettered options.

1. Concrete pits in the ground used as a bath for livestock are called \_\_\_\_\_.

- A. livestock pits
- B. animal pits
- C. animal dips
- D. farm dips

The correct answer is option [C].

2. The following are found on a farm land EXCEPT \_\_\_\_\_.

- A. irrigation canal
- B. barns
- C. fences
- D. deposit pit

The correct answer is option [D].

3. An animal pit is used to \_\_\_\_\_.

- A. stone animal feed
- B. bath livestock
- C. process animal feed
- D. keep animals during quarantine

The correct answer is option [B].

4. \_\_\_\_\_ are constructed in farms for carrying water from rivers.

- A. Dams
- B. Basins
- C. Watering cans
- D. Canals

The correct answer is option [D].

5. The following farm structures are classified under structures EXCEPT \_\_\_\_\_.

- A. cribs
- B. silo
- C. fish pond
- D. feed mills

The correct answer is option [C].

6. Barns are farm structures used for the of \_\_\_\_\_.

- A. cassava
- B. grains
- C. yam
- D. tomatoes

The correct answer is option [C].

7. The following farm structures are classified under production structures EXCEPT \_\_\_\_\_.

- A. grazing paddock
- B. batter cage
- C. oil palm press
- D. rabbit hutches

The correct answer is option [C].



8. Plants like cassava are stored in \_\_\_\_\_.

- A. rhumbus
- B. barns
- C. cribs
- D. silo

The correct answer is option [B].

9. Anything which is constructed on the farm site to make certain farming operations easier is called \_\_\_\_\_.

- A. farm industry
- B. farm facility
- C. farm structure
- D. farm implement

The correct answer is option [C].

10. Oil palm press and rice mill are classified under \_\_\_\_\_ farm structures.

- A. production
- B. processing
- C.
- D. working

The correct answer is option [B].

11. Bore whole, water tank, farm shed are classified under \_\_\_\_\_ farm structure.

- A. crop
- B. livestock
- C. miscellaneous
- D. farm building

The correct answer is option [C]

12. The canal is used for \_\_\_\_\_.

- A. stopping the follow of water
- B. planting seeds
- C. directing water to farm from rivers
- D. passing fertilizer

The correct answer is option [C].

13. Which of the following is NOT a farm input?

- A. Fertilizer
- B. Herbicide
- C. Insecticide
- D. Milk

The correct answer is option [D].

14. Disposal pits, electric poles, dams and barns are grouped under \_\_\_\_\_.

- A. farm implements
- B. farm construct
- C. farm facilities
- D. farm structures

The correct answer is option [D].

15. Nurseries for raising seedlings are examples of \_\_\_\_ farm buildings.

- A. permanent
- B. temporary
- C.
- D. living

The correct answer is option [B]

16. A gutter for removing excess water from a farm is called \_\_\_\_\_.

- A. evacuation canal
- B. drainage canal
- C. removal canal
- D. transport canal

The correct answer is option [B].

17. Irrigation systems and rabbit hutches are classified under \_\_\_\_ farm structure.

- A.
- B. processing
- C. production
- D. application

The correct answer is option [C].

18. Which of the following is classified under farm buildings?

- A. Farm gate
- B. Rhombus
- C. Silo
- D. Workshop

The correct answer is option [D].

19. The following are under miscellaneous farm structures EXCEPT \_\_\_\_\_.

- A. farm shed
- B. workshop
- C. compost pit
- D. farm gate

The correct answer is option [B].

20. Slaughter slabs and grain mills are classified under \_\_\_\_\_ farm structures.

- A. crop
- B. livestock
- C. processing
- D. miscellaneous
- E. farm buildings

The correct answer is option [C].

21. A special pit dug in the farm to make manure for crops is \_\_\_\_\_.

- A. waste pit
- B. compost pit
- C. composite pit
- D. manure pit

The correct answer is option [B].

22. Farm gate and compost pit are classified under \_\_\_\_\_ farm structures.

- A. crop
- B. miscellaneous
- C. processing
- D. farm building

The correct answer is option [B]

23. \_\_\_\_\_ are constructed on farms to make animal feeds.

- A. Feed stores
- B. Feed houses
- C. Feed mills
- D. feed barns

The correct answer is option [C].

24. A compost pit is used to \_\_\_\_\_.

- A. make feed for animals
- B. process animal feed
- C. make manure for crops
- D. store manure for crops

The correct answer is option [C].

25. The following are the groups of farm structures EXCEPT \_\_\_\_\_ structure.

- A. crop
- B. school
- C. livestock
- D. processing

The correct answer is option [B].

26. Animal pens are examples of \_\_\_\_ farm buildings.

- A. permanent
- B. production
- C.
- D. temporary

The correct answer is option [D]

27. A tall circular or rectangular farm structure made of concrete or stainless steel is known as \_\_\_\_\_.

- A. fences
- B. fodder
- C. silt
- D. silos

The correct answer is option [D].

28. Fencing serves all the purposes below EXCEPT to \_\_\_\_\_.

- A. add beauty to the farm
- B. control movement of animals
- C. demarcate boundaries
- D. increase yield

The correct answer is option [A].

29. What structure is used to dry maize which is still on the cob?

- A. Silo
- B. Rhumbus
- C. Cribs
- D. Barns

The correct answer is option [C].

30. Which of the following is NOT a farm structure?

- A. Disposal pit
- B. Dipping trench
- C. Drainage canals
- D. Workshop

The correct answer is option [D]

## TOPIC: FARMING SYSTEMS

**DIRECTION:** Choose the correct answer from the lettered options.

1. Sole cropping is another name for \_\_\_\_\_.

- A. One cropping
- B. mono cropping
- C. multiple cropping
- D. strip cropping

The correct answer is option [B].

2. \_\_\_\_\_ is a farming system in which periods of crop production are alternated with periods of vegetative fallow?

- A. bush fallowing
- B. ranching
- C. mixed farming
- D. crop fallowing

The correct answer is option [A].

3. Crop rotation on slopes with alternate areas of ground covering crop and spaced crop is called \_\_\_\_\_.

- A. terrace cropping
- B. mixed cropping
- C. strip cropping
- D. cover cropping

The correct answer is option [C]



4. The Fulani's' are known especially for \_\_\_\_ farming system.

- A. mixed
- B. nomadic
- C. ranching
- D. bush fallowing

The correct answer is option [B].

5. The growing of two or more monocrops, one after the other on the same farm in the same year is called \_\_\_\_\_.

- A. relay cropping
- B. intercropping
- C. variable cropping
- D. fixed cropping

The correct answer is option [A].

6. Which of the following is an advantage of crop rotation?

- A. It helps to control mechanization.
- B. It helps to control pests.
- C. It helps to control weeds.
- D. All of the above

The correct answer is option [D].

7. A cropping system that involves cultivation from year to year is called \_\_\_\_\_.

- A. continuous cropping
- B. crop rotation
- C. inter cropping
- D. mixed cropping

The correct answer is option [A].

8. The following are examples of EXCEPT \_\_\_\_\_.

- A. mixed farming
- B. bush fallowing
- C. pastoral farming
- D. crop fallowing

The correct answer is option [D]

9. Relay cropping involves \_\_\_\_\_.

- A. growing crops in relay fashion
- B. growing two or more monocrops one after the other on the same farm in a year
- C. growing one monocrop season by season in a farm
- D. growing two monocrops season by season in a relay fashion

The correct answer is option [B].

10. There are \_\_\_\_\_ types of pastoral farming.

- A. 2
- B. 4
- C. 3
- D. 5

The correct answer is option [C].

11. Bush fallowing is a farming system in which \_\_\_\_\_.

- A. crops are planted in fallow bushes
- B. the crops are planted between bushes
- C. periods of crop production are altered with periods of vegetative fallow
- D. periods of crop production are altered every year

The correct answer is option [C].

12. Continuous cultivation results in low yield when \_\_\_\_\_.

- A. soil fertility is not maintained
- B. crop rotation is practiced on the farm
- C. cultivation is not regular
- D. very early harvests are made

The correct answer is option [A].

13. \_\_\_\_\_ is a system which involves growing different crops in a systematic sequence on the same piece of land.

- A. Continuous cropping
- B. Crop rotation
- C. Mixed cropping
- D. Multiple cropping

The correct answer is option [B].

14. \_\_\_\_\_ is NOT an example of a cropping system.

- A. Crop rotation
- B. Monocropping
- C. Multiple cropping
- D. Variable cropping

The correct answer is option [D].

15. \_\_\_\_\_ is an advantage of mixed farming.

- A. Animal can graze on the crops
- B. It prevents the rapid buildup and spread of diseases and insects pest
- C. Farmers attention is undivided
- D. Residue from crops can be fed to the livestock

The correct answer is option [D].

16. \_\_\_\_\_ system refers to the type of agriculture practiced in an area.

- A. Cropping
- B. Growing
- C. Agricultural
- D. Farming

The correct answer is option [D].

17. The common farming practice adopted in a populated area where land is plentiful is \_\_\_\_\_.

- A. crop rotation
- B. bush fallow
- C. crop improvement
- D. shifting cultivation

The correct answer is option [D]

18. \_\_\_\_\_ is a practice where by a farmer moves his animals from one place to another in search of food.

- A. Ley farming
- B. Mixed farming
- C. Following farming
- D. Nomadic farming

The correct answer is option [D].

19. Which of the following cropping systems discourages wide spread of pests and diseases?

- A. intercropping
- B. mixed farming
- C. crop rotation
- D. strip cropping

The correct answer is option [C].

20. \_\_\_\_\_ is a type of intercropping in which the crops grown are mixed in each row.

- A. Strip intercropping
- B. Row intercropping
- C. Mixed intercropping
- D. Relay intercropping

The correct answer is option [C].

21. Pastoral farming is a system in which \_\_\_\_\_.

- A. pasture crop is established
- B. only grazing animals are kept
- C. poultry is kept
- D. only pasture crop and animals are kept

The correct answer is option [B].

22. \_\_\_\_\_ is the practice of growing two or more crops on the same farm in the same year.

- A. mixed cropping
- B. fixed cropping
- C. many cropping
- D. multiple cropping

The correct answer is option [D].

23. The farming system which involves the cultivation of a piece of land from year to year is called \_\_\_\_\_.

- A. continuous cropping
- B. crop rotation
- C. monoculture
- D. pastoral farming

The correct answer is option [A].

24. \_\_\_\_\_ refers to the practice of growing two or more monocrops, one after the other on the same farm in the same year.

- A. Mixed cropping
- B. Tricropping
- C. Relay cropping
- D. Inter cropping

The correct answer is option [C].

25. \_\_\_\_\_ is NOT a factor that determines the adaptation of farming and cropping systems with respect to soil.

- A. Texture
- B. Topography
- C. Nutrient availability
- D. Rainfall

The correct answer is option [D].

26. Ley farming is also known as \_\_\_\_\_.

- A. Nomadic farming
- B. bush fallowing
- C. rotation pasture
- D. ranching

The correct answer is option [C].

27. In which farming system are both the products of crops and animals NOT wasted?

- A. Mixed farming
- B. Taungya farming
- C. Crop farming
- D. Mixed cropping

The correct answer is option [A].

28. The different patterns of growing crops and mixture of crops is known as \_\_\_\_\_.

- A. farming system
- B. growing system
- C. cropping system
- D. agricultural system

The correct answer is option [C].

29. The following are factors that affect the choice of EXCEPT \_\_\_\_\_.

- A. nature of soil
- B. cultural factor
- C. nearness to water source
- D. economic factor

The correct answer is option [C].

30. Which of the following is true about mixed farming?

- A. Only the animals are important.
- B. Only the crops are important.
- C. Both the products of crops and animals are not preserved.
- D. It is a wasteful farming system.



The correct answer is option [C].

31. \_\_\_\_\_ is NOT a factor that determines the adaptation of a cropping system.

- A. Climate
- B. Soil
- C. Housing
- D. Economy

The correct answer is option [C].

32. Which of the following has the highest risk of spreading crop diseases?

- A. Crop rotation
- B. Mixed cropping
- C. Mixed farming
- D. Monocropping

The correct answer is option [C].

In Mixed Farming farmers grow both plant and animals on the same farm.

## TOPIC: HISTORY & PROBLEMS OF AGRIC DEVELOPMENT IN NIGERIA

**DIRECTION: Choose the correct answer from the lettered options.**

1. Man's earliest farm implements were made up of the following EXCEPT \_\_\_\_\_.

- A. wood
- B. tractors
- C. stones
- D. metals

The correct answer is option [B]

2. 'Operation Feed the Nation' was introduced by \_\_\_\_\_

- A. General M Buhari
- B. General Olusegun Obasanjo
- C. General Ibrahim Babangida
- D. President Shehu Shagari

The correct answer is option [B].

3. The 'School to land' programmed was introduced by whose government \_\_\_\_\_.

- A. General Olusegun Obasanjo
- B. General M Buhari
- C. President Shehu Shagari
- D. General Ibrahim Babangida

The correct answer is option [B].

4. One of the important factors associated with soil formation is \_\_\_\_\_.

- A. bird
- B. time
- C. capillarity
- D. plant

The correct answer is option [B].

5. Man's earliest farm implements comprised the following EXCEPT \_\_\_\_\_.

- A. wood
- B. asbestos
- C. stones
- D. metals

The correct answer is option [B].

6. School to land programmed was introduced in \_\_\_\_\_.

- A. 1984
- B. 1980
- C. 1964
- D. 1994

The correct answer is option [A].

7. The oldest industry that can be traced to the earliest societies is \_\_\_\_\_.

- A. furniture and upholstery industry
- B. chemical industry
- C. agriculture
- D. poultry

The correct answer is option [C].

8. What government introduced the Green revolution?

- A. General Buhari
- B. General Olusegun Obasanjo
- C. President Shehu Shagari
- D. General Ibrahim Babangida

The correct answer is option [C].

9. The type of soil recommended for fish pond establishment is \_\_\_\_\_ soil.

- A. silt
- B. clay
- C. humus
- D. sandy

The correct answer is option [B]

10. Which of the following is a bony fish?

- A. Carp
- B. Shark
- C. Gold fish
- D. Mackerel

The correct answer is option [D].

The rest are cartilaginous fishes.

## TOPIC: NIGERIAN VEGETATION AND FORESTRY

**DIRECTION:** Choose the correct answer from the lettered options.

1. Which tree has the botanical name *Chlotophora excelsa*?

- A. Mahogany
- B. Ebeche
- C. Iroko
- D. Plantain

The correct answer is option [C].

2. Which of the following forest products can be useful in soap production?

- A. Gum
- B. Honey
- C. Palm oil
- D. Rubber

The correct answer is option [C].

3. \_\_\_\_\_ is a vegetation NOT found in Nigeria.

- A. Low forest
- B. Sudan savanna
- C. Guinea savanna
- D. High forest

The correct answer is option [A].

4. All these are forest animals EXCEPT \_\_\_\_\_.

- A. snail
- B. sheep
- C. green monkey
- D. bush fowl

The correct answer is option [B].

5. Crops like groundnut and cowpea grow well in the \_\_\_\_\_ zone.

- A. rain forest
- B. Sudan
- C. savannah
- D. Sahara

The correct answer is option [C].

6. An area of land where fruit trees are cultivated is called \_\_\_\_\_.

- A. a nursery
- B. a garden
- C. an orchard
- D. an estate

The correct answer is option [C]

7. In which of the following vegetational zones of West Africa is large scale production of sorghum and maize feasible?

- A. Tropical rainforest
- B. Sahel savannah
- C. Guinea savannah
- D. Mangrove forest

The correct answer is option [C].

8. Which of these is NOT an influence of forest on soil?

- A. It encourages soil erosion.
- B. It increases fertility of soil.
- C. It increases organic matter content of soils.
- D. It provides cover for the soil.

The correct answer is option [A].

9. One of the characteristic features of Nigeria Savannah belt is the large scale cultivation of \_\_\_\_\_ crops.

- A. cereal
- B. beverage
- C. root
- D. root and tuber

The correct answer is option [A].

10. Rain forest zone is unfavorable for the rearing of animals because of the infestation of \_\_\_\_\_.

- A. white fly
- B. tse-tse fly
- C. house fly
- D. black fly

The correct answer is option [B]

11. In the savannah belt of Nigeria, there is large scale cultivation of \_\_\_\_\_ crops.

- A. cereal
- B. beverage
- C. root
- D. root and tuber

The correct answer is option [A]

12. Which of these is a forest tree?

- A. Mahogany
- B. Cassia
- C. Orange
- D. Guava

The correct answer is option [A].

13. The following crops are adapted to the rain forest region of the south EXCEPT \_\_\_\_\_.

- A. banana
- B. cocoa
- C. rice
- D. kola nuts

The correct answer is option [C].



14. Which of the following vegetation zones experiences the shortest rainy season?

- A. Sudan savanna
- B. Guinea savanna
- C. Sahel savanna
- D. Mangrove swamp

The correct answer is option [A].

15. The most suitable vegetation for the planting of cocoa, rubber and oil palm is \_\_\_\_\_.

- A. savanna grass land
- B. rainforest zone
- C. mangrove forest
- D. swamp forest

The correct answer is option [B].

16. Which geographical region is characterized by the growth of tall trees such as iroko, mahogany, oil palm, rubber etc.?

- A. Guinea savanna
- B. Sahel savanna
- C. Rainforest
- D. Swamp forest

The correct answer is option [C].

17. The botanical name of Iroko is \_\_\_\_\_.

- A. Terminalia ivorensis
- B. Antiaris Africana
- C. Chlorophora excelsa
- D. Lova trichilioides

The correct answer is option [C].

18. The following are primary products of forests EXCEPT \_\_\_\_\_.

- A. fuel wood
- B. gum Arabic
- C. pulp
- D. timber

The correct answer is option [C].

Pulp is a form of processed wood

## TOPIC: ROLE OF SCIENCE AND TECHNOLOGY IN AGRICULTURE

**DIRECTION:** Choose the correct answer from the lettered options.

1. Which of the following is NOT a problem facing agriculture in Nigeria?

- A. Lack of capital
- B. Ignorance
- C. High labour cost
- D. facilities

The correct answer is option [C]

2. If the area of a garden of length 42m is 630m square. What is the width of the garden?

- A. 20m
- B. 15m
- C. 18m
- D. 16m

The correct answer is option [C].

3. Science and technology have helped in agriculture in the following ways EXCEPT improvement of \_\_\_\_\_.

- A. yam harvesting
- B. animal nutrition
- C. crops
- D. facilities

The correct answer is option [A]

4. An agriculturalist who specializes in the production of crops is called \_\_\_\_\_.

- A. Agriculture economics
- B. Agronomist
- C. Agriculturist
- D. Agriculture man

The correct answer is option [B]

5. The length of a school farm is 150m and it is 70m wide. What is the area of the farm?

- A. 10,500 metre square
- B. 1,050 metre square
- C. 15,000 metre square
- D. 10,000 metre square

The correct answer is option [B].

6. In sitting a school farm, which of the following is NOT considered?

- A. Good access road
- B. Nearness to the market
- C. Nearness to the school
- D. Source of water

The correct answer is option [B].

7. Which of the following should NOT be considered when selecting a site for vegetable garden?

- A. adequate water source
- B. nearness to farm stead
- C. nature of the soil
- D. nearness to market

The correct answer is option [B].

8. In siting a school farm, which of the following is NOT considered?

- A. good access road
- B. nearness to the market
- C. nearness to the school
- D. source of water

The correct answer is option [B].

9. Agro base industries are those that \_\_\_\_\_.

- A. employ only farmers
- B. produce agricultural equipment
- C. produce fertilizer
- D. use agricultural raw materials

The correct answer is option [C]

10. Which of the following should NOT be considered when selecting a farm site?

- A. Availability of land
- B. Security
- C. Accessibility
- D. Farm equipment

The correct answer is option [D].

11. Which of the following is NOT a role of science and technology in agriculture?

- A. Pest and disease control
- B. Farm power and machinery
- C. Production of chemical fertilizers
- D. Nomadic farming operations

The correct answer is option [D].

## TOPIC: STORAGE

**DIRECTION: Choose the correct answer from the lettered options.**

1. The use of refrigerators and freezers in is termed \_\_\_\_\_.

- A. cold
- B. glaze
- C. icing
- D. freezing

The correct answer is option [A].

2. Grains are stored in \_\_\_\_\_.

- A. cribs
- B. silos
- C. rhumbus
- D. sacks

The correct answer is option [B]

3. What is the use of a rhumbus?

- A. Storing water
- B. Storing grains
- C. Storing farm materials
- D. Storing yam

The correct answer is option [B].

4. The following are farm methods EXCEPT \_\_\_\_\_.

- A. silo
- B. rhumbus
- C. crib
- D. animal dips

The correct answer is option [D].

5. The following factors are known to affect food EXCEPT \_\_\_\_\_.

- A. sun light
- B. moisture content
- C. relative humidity
- D. temperature

The correct answer is option [A]

6. \_\_\_\_\_ is aimed at reducing the amount of food spoilage caused by disease and pest attacks.

- A. Food production
- B. Food processing
- C. Food and preservation
- D. Food cultivation

The correct answer is option [C].

7. Of grains in air-tight bins and cans is called \_\_\_\_\_.

- A. bin
- B. air-tight
- C. hermetic
- D. grain

The correct answer is option [C]



8. The process of leaving frozen products to defrost is called \_\_\_\_\_.

- A. cooling
- B. thawing
- C. browning
- D. defrosting

The correct answer is option [B].

9. The use of tins and drums to store small quantities of grains is called \_\_\_\_\_.

- A. bagging
- B. bin
- C. bag
- D. drummer

The correct answer is option [B].

10. Which of these is a method of preserving fish?

- A. Canning
- B. Drying
- C. Salting
- D. All of the above

The correct answer is option [D]

11. \_\_\_\_\_ is NOT a method of preserving fish.

- A. salting
- B. frying
- C. smoking
- D. freezing

The correct answer is option [B].

12. Which of the following is NOT a method of storing grains?

- A. Silo
- B. Rhumbus
- C. Cribs
- D. Dams

The correct answer is option [D]

13. Barns are farm structures used for the of \_\_\_\_\_.

- A. cassava
- B. grains
- C. yam
- D. tomatoes

The correct answer is option [C].

14. The following can be stored using cold EXCEPT \_\_\_\_\_.

- A. yoghurt
- B. milk
- C. grains
- D. vegetables

The correct answer is option [C].

15. A barn is used to store \_\_\_\_\_.

- A. cassava
- B. cocoyam
- C. yam
- D. sweet potato

The correct answer is option [C]

