

14. Which of the following infections is associated with HIV/AIDS?
- Malaria
 - BP
 - tuberculosis
 - Kwashiorkor
15. Which of the following substances can dissolve in paraffin?
- Salt
 - Fertilizer
 - paint
 - chalk dust
16. What is the name of the tissue that attaches muscles to the bones?
- Ligament
 - Joint
 - tendon
 - strain
17. Which of the following is not a function of roots to plants?
- Storing food
 - Manufacturing food
 - absorbing waters
 - holding the plant
18. What is an indirect source of light from the following?
- Star
 - Moon
 - fire
 - bulb
19. Animals which feed on plants only are called...
- Omnivores
 - Carnivores
 - herbivores
 - amphibians
20. Which of the following is not an invertebrate?
- Molluscs
 - Arthropods
 - flat worms
 - reptiles

AGRICULTURE

21. Which of the following is a harmful effect of water as an element of the agriculture environment?
- High yields
 - Blowing off roots
 - floods
 - drinking
22. Which one of the following crops cannot be destroyed by birds.
- Sugarcane
 - Maize
 - rice
 - sorghum
23. The process of removing unwanted branches of trees is called
- Supply
 - Mulching
 - weeding
 - Pruning
24. Which part of a plough throws the soil cut loose by the share to one side and turn it over.

- Wings
- Hitch
- bean
- mould board

25. Which of the following disease of chickens has a sign and symbol of walking back?
- Fowl pox
 - Coccidiosis
 - new castle
 - fowl cholera
26. Which of the following is a solution to the problem of seasonality of produce in agricultural marketing?
- Selling the produce quickly
 - Storing the produce when plenty
 - Packaging produce in containers
 - Keeping the produce near the market
27. Which of the following is the variety of cassava?
- Kakoma
 - Malimba
 - baka
 - manyokola

Study **figure 2** below and answer question that follow



28. Which crop husbandry practice is shown above?
- Weeding
 - Harvesting
 - disease control
 - storing
29. The crop husbandry practices which improve soil fertility is...
- Planting
 - Pest and disease control
 - Fertilizer application
 - Storing
30. Which of the following cattle can be cross bred with Malawian Zebu to increase milk production?
- Brahman
 - Hereford
 - Fresian
 - Charolais
31. Which of the following layers of soil has highest organic matter?
- Parent rock
 - Weather rock
 - top soil
 - sub soil

32. Mention two methods of weeding in flower garden.
- Banking and light hoeing
 - Pruning and slashing
 - Hand weeding and slashing
 - Chemical and banking
33. Explain why sub soil has lighten colour than top soil.
- It has less organic matter
 - It has more organic matter
 - It contains a lot of micro organisms
 - It has a lot of water
34. Why should a cage for a buck be slightly larger than for a doe?
- To have enough ventilation
 - To control parasites
 - To keep more rabbits
 - To ease mating
35. Which of the following is not safety measure when using farm cart?
- Avoid over loading
 - Properly inflated tyres
 - Keep battery acid away from the skin and eyes
 - Bolts and nuts should be tightened
36. The best time for a farmer to sell their produce is when the ...
- Demand is low
 - Demand is high
 - Supply is high
 - Both demand and supply are equal

Figure 3 is a diagram of indigenous farm machinery and technology



37. Name the farm machinery.
- Querns
 - Ground
 - planting frame
 - leaf bag
38. The farm machinery above is used for
- Storing seeds and dried vegetables
 - Storing fresh fish

- Storing fresh vegetables
- Legumes

39. What term is given to removal of excess plants in planting stations?
- Mulching
 - Tending
 - pruning
 - thinning

A woman keeps layers in deep litre house. After sometime, she observed that the flow has dropping with blood.

40. What disease do layers have?
- Coccidiosis
 - New castle
 - fowl pox
 - fowl cholera

SECTION B (60 MARKS)

Answer all questions in spaces provided

SCIENCE AND TECHNOLOGY

41. (a) Define the term machine.

(2 marks)

- (b) Mention two types of machine.

(2 marks)

- (c) Give two types of pulleys.

(2 marks)

- (d) What name is given to the point where level turns?

(1 mark)

42. (a) List two guidelines for planning meals for sedentary workers.

(2 marks)

(b) Give two signs of scurvy.

(2 marks)

(c) Define the term gravity.

(2 marks)

43. (a) Mention three uses of a leaf to plant.

(3 marks)

(b) Give two parts of a leaf.

(2 marks)

(c) Explain what happens when water is heated?

(2 marks)

(a) Solution is _____ in mixture. (1 mark)

(b) List two properties of solids?

(2 marks)

(c) What is matter?

(2 marks)

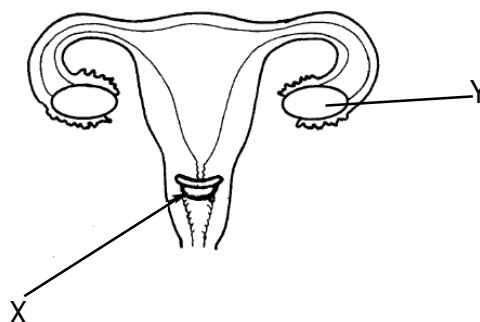
Figure 2 below shows one type of kitchen.



44. (a) Name the type of kitchen.

(1 mark)

Figure below is a diagram of family planning.



(b) Identify the method of family planning above?

(1 mark)

(c) What is the function of method above?

(1 mark)

45. (a) Name two effects of food taboos and beliefs.

(2 marks)

(b) Why eating varieties of food is necessary.

(1 mark)

(c) Explain the difference of decoding and walkie talkle.

(2 marks)

AGRICULTURE

46. (a) What are poultry

(1 mark)

(b) List down two examples of poultry.

(2 marks)

(c) Name two methods of fertilizer application in vegetables.

(2 marks)

47. (a) The three safe ways of using farm tools are:

(3 marks)

(b) Define commercial farming.

(2 marks)

(c) State one use of the following farm machinery.

(i). Ridger

(1 mark)

(ii) Plough

(1 mark)

48. (a) What do you understand by the term stocking fish pond?

(2 marks)

(b) Give the difference between fingerings and fries.

(2 marks)

49. (a) Give three characteristics of cattle suitable for breeding.

(3 marks)

(b) Mention two end products of hoofs and horns in cattle farming.

(2 marks)

(c) State three examples of feeds for cattle under concentrates.

(3 marks)

50. (a) Explain why farm records are important? Give two reasons.

(2 marks)

(b) Mention three varieties of ground nuts.

(3 marks)

(c) What is a forest?

(1 mark)

End of question paper