



# BAKHITA ACADEMY EXAMINATIONS BOARD

## 2020 MOCK EXAMINATIONS FOR STANDARD 8

### PRIMARY SCIENCE

#### SECTION A (40 MARKS)

#### AGRICULTURE

1. The following are types of soil structure except;
  - A. Crumb structure
  - B. Loose structure
  - C. Compact structure
  - D. Binding structure
2. What is the common agent of soil erosion?
  - A. Running water
  - B. Wind
  - C. Animals
  - D. Mining
3. Which of the following is the importance of box ridges?
  - A. Reduces amount of run-off
  - B. Promotes weeds growth
  - C. Beautifies ridges
  - D. Promotes nutrients availability
4. Which of these parts are common in both the plough and the ridger?
 

i. Share	iii. Wings
ii. Depth wheel	iv. Beam
A. i, ii and iii	C. i, iii and iv
B. ii, iii and iv	D. i, ii and iv
5. Mention two types of chickens
  - A. Broilers and layers
  - B. Local and broilers
  - C. Black and white chickens
  - D. Layers and mikolongwe
6. Which of the following methods of irrigation is suitable for rice?
  - A. Basin
  - B. Flooding
  - C. Sprinkler
  - D. Drip
7. When is the best time to practice weeding in the groundnuts garden?
  - A. As soon as weeds appear
  - B. In the month of December
  - C. After fertilizer application
8. In Mitundu area, a farmer bought a garden with sand soils. Which of the following crops can do well on the land?
 

A. Rice	C. Cotton
B. Tobacco	D. Cassava
9. What does the word “poultry” means?
  - A. A place where chickens are sold
  - B. All birds kept on a farm
  - C. Broilers and layers
  - D. None of the above
10. Which of the following is the breed of rabbits?
 

A. Angola	C. California
B. Africander	D. Jersey
11. The following are physical farm records except;
 

A. Crop records	C. Labour records
B. Layers records	D. Land records
12. Which of the following is a characteristic of clay soil?
  - A. Loses water quickly
  - B. It is easy to break
  - C. Holds a lot of water
  - D. It has large pore spaces
13. Which of the following soil profile layer is suitable for crop production?
 

A. Top soil	C. Sub soil
B. Weathered rock	D. Parent rock
14. The following are the characteristics of top soil except;
  - A. Black in colour
  - B. Reddish
  - C. Good aerated
  - D. Has a lot of humus
15. Which of the following is the importance of soil?
  - A. Holds plants
  - B. Soil erosion
  - C. Provides food
  - D. Killing plants

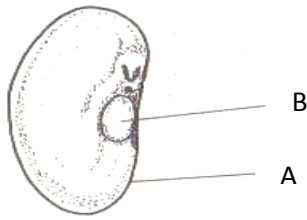
16. The following are the parts of an ox-cart except  
 A. Cart body C. Drum  
 B. Yoke D. Dazzle boom
17. The following is an example of a factor to be done in land preparation for flower production:  
 A. Weeding  
 B. Fertilizer application  
 C. Making the bed  
 D. Pest and disease control
18. The following are factors to be considered when choosing site for flower production except;  
 A. Security C. Soil type  
 B. Water supply D. Hardening off
19. Which of the following is the importance of hardening off?  
 A. To prepare flowers for transplanting  
 B. To prevent diseases in flowers  
 C. To apply fertilizers  
 D. To increase production
20. The following are the pests of groundnuts except;  
 A. Termites C. Mice  
 B. Porcupine D. Monkey

**SCIENCE AND TECHNOLOGY**

21. The following are types of pollination:  
 A. Cross and self-pollination  
 B. Cross and fertilization  
 C. Self and flower  
 D. Cross and dispersal
22. Which of the following are agents of pollination?  
 A. Seeds C. Wind  
 B. Soil D. Stones
23. Which of the following is the method of cooking food in liquid for a long time to soften it?  
 A. Boiling C. Steaming  
 B. Frying D. Stewing
24. The following are examples of erect stems except  
 A. Maize C. Star grass  
 B. Blue gum D. Mango
25. Which of the following is a type of roots?  
 A. Fibrous C. Climbing  
 B. Erect D. Creeping

26. The following are food suitable for boiling method except;  
 A. Potatoes C. Chigumu  
 B. Biscuits D. Mandasi
27. What type of roots does maize have?  
 A. Tap roots C. Fibrous roots  
 B. Prop roots D. Aerial roots
28. The following are examples of sense organs except:  
 A. Eye C. Nose  
 B. Tongue D. Teeth
29. Which of the following is the function of the tongue?  
 A. Tasting C. Touching  
 B. Smelling D. Seeing
30. The following is an example of an output device of the computer:  
 A. Mouse C. Monitor  
 B. Keyboard D. CPU
31. Which of the following is a type of machine?  
 A. Ox-cart C. Lever  
 B. Bicycle D. Car
32. The following are classes of the lever except;  
 A. First order lever  
 B. Effort  
 C. Second order lever  
 D. Third order lever
33. Which of the following are ways of cleaning the home?  
 A. Mopping and greasing  
 B. Sweeping and watering  
 C. Brushing and sitting  
 D. Mopping and brushing
34. The following are the types of rooms:  
 i. Bedroom iii. Toilet  
 ii. Door room iv. Bathroom  
 A. i, ii and iv C. i, iii and iv  
 B. ii, iii and iv D. I and iv only

Use the figure below to answer the questions that follow.



35. What is the name of the part labeled B?  
 A. Hilum                                      C. Testa  
 B. Cotyledon                                  D. Plumule
36. What is the function of the part labeled A?  
 A. To provide nutrients to Plumule  
 B. To protect inner parts of the seed  
 C. To control diseases  
 D. To reduce soil erosion
37. Which of the following is the part of the brain?  
 A. Cerebrum                                  C. Rib cage  
 B. Spinal cord                                D. Ear drum
38. The following are ways of storing classroom technologies except;  
 A. Using boxes                                C. Using shelves  
 B. Using stands                                D. Using pots
39. Which of the following is a class of vertebrates?  
 A. Worms                                      C. Protozoa  
 B. Fish    D. Amoeba
40. A discoloured mark on a garment or article is called?  
 A. Dye    C. Stain  
 B. Blood                                        D. Dot

**SECTION B (60 MARKS)**

**AGRICULTURE**

41. a. What are farm records?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)
- b. Give two reasons why farm records are important.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)
42. a. Define "poultry."

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ ( 2 marks)

b. Mention two importance of poultry.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)

c. Classify the following into broilers and layers:  
 stabro, shavers, hyline, indian river and ross

broilers	layers
_____	_____
_____	_____
_____	_____
_____	_____

(5 marks)

43. a. What is soil erosion?  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)

b. Give two causes of soil erosion.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ ( 2 marks)

c. Explain any two effects of soil erosion.  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)

d. How can the following control soil erosion?  
 i. box ridges  
 \_\_\_\_\_  
 \_\_\_\_\_ ( 2 marks)

ii. mulching  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)

iii. making ridges across the slope  
 \_\_\_\_\_  
 \_\_\_\_\_ ( 2 marks)

44. a. What are marketing functions?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (2 marks)

b. Mention any one marketing function.

\_\_\_\_\_ (1 mark)

45. a. Mention any one type of vegetables.

\_\_\_\_\_ (1 mark)

b. To which class of vegetables do egg plants belong?

\_\_\_\_\_ (1 mark)

**SCIENCE AND TECHNOLOGY**

46. a. What is seed dispersal?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (1 mark)

b. Mention three agents of seed dispersal

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (3 marks)

c. Explain any one importance of seed dispersal

\_\_\_\_\_  
\_\_\_\_\_ (2 marks)

47. a. Define vertebrates.

\_\_\_\_\_  
\_\_\_\_\_ (1 mark)

b. Classify the following into vertebrates and invertebrates: amoeba, goats, mud fish, earth worm, plasmodium and chicken.

**vertebrates**

**invertebrates**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c. Mention one advantage of invertebrates.

\_\_\_\_\_  
\_\_\_\_\_ (1 mark)

48. a. Mention two external parts of a plant.

\_\_\_\_\_  
\_\_\_\_\_ (2 marks)

b. Explain any three types of roots.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (3 marks)

Figure below shows leaf arrangement



c. Identify the type of leaf arrangement shown above

\_\_\_\_\_ (1 mark)

49. a. What are nutritional diseases?

\_\_\_\_\_  
\_\_\_\_\_ (1 mark)

b. Mention two examples of nutritional diseases.

\_\_\_\_\_  
\_\_\_\_\_ (2 marks)

c. Mention two effects of nutritional diseases.

\_\_\_\_\_  
\_\_\_\_\_ (2 marks)

50. a. Define domestic technologies.

\_\_\_\_\_  
\_\_\_\_\_ (1 mark)

b. List any one example of domestic technology.  
\_\_\_\_\_ (1 mark)

51. a. What is first aid?

\_\_\_\_\_  
\_\_\_\_\_ (1 mark)

b. Mention two common accidents that occur in our homes.

\_\_\_\_\_  
\_\_\_\_\_ (2 marks)

**END OF THE QUESTION PAPER.**

**HAPPY EASTER...**