



KHOLOMBIDZO PRIMARY SCHOOL

2019/2020 END OF TERM ONE EXAMINATIONS

PRIMARY SCIENCE

(100 Marks)

Name: _____

(Surname First)

Date: _____

Standard 7

Time Allowed:

Instructions

- There are two sections in this paper A and B. There are 30 multiple choice question in section A and structured questions in section B.
- Read and follow instructions carefully in each section.

SECTION A (15 Marks)

AGRICULTURE

- | | |
|---|---|
| <p>1. Which of the following trees is an exotic tree? A. Tsanya C. Mombo B. Mlombwa D. Jacaranda</p> <p>2. The activities for caring farm animals is called A. Crop husbandry practices B. Animal husbandry practices C. Disease and parasite control D. Housing</p> <p>3. Which of the following raw materials is used for making sugar? A. Soya beans C. Sugarcane B. Maize D. Tobacco</p> <p>4. Which of the following sub-branches of agriculture is the production of trees? A. Silviculture C. Pomoculture</p> | <p>B. Agronomy D. Aboriculture</p> <p>5. Any activity that people do with the aim of making profits is called A. Sales C. Business B. Activity D. Profits</p> <p>6. Which of the following is the importance of farming calendar? A. It is a source of food B. It is a source of water C. It is a source of farm record D. It is a source of farm materials</p> <p>7. The supplying of water to the field to enable crops to grow is called A. Farming record B. Farm calendar C. Irrigation D. Fish farming</p> |
|---|---|

8. Which type of irrigation is suitable for growing rice?
- A. Basin C. Sprinkler
B. Flooding D. Water cane
9. Which of the following is a disease of chicken?
- A. Malaria C. New castle
B. Rosette D. Bacterial bright

Figure 1 is a diagram showing one of the marketing functions. Use it to answer questions 10 and 11.



10. What marketing function is involved here?
- A. Buying C. Transporting
B. Advertising D. Storage
11. This activity involves
- A. Finding out prices of various products in different markets.
B. Sorting out produce to ensure uniformity in quality.

- C. Carrying the agricultural produce to the market.
D. Paying for goods to own them.

12. Which of the following factors of production refers to work done by people?
- A. Capital C. Labour
B. Land D. Management

13. What can be a danger if our water bodies are polluted?
- A. Increase in production
B. Absent form public gathering
C. Death of livestock
D. New homes will develop

14. Why is it important to have box ridges in a garden?
- A. They hold water
B. They control pests
C. They increase fertility
D. They control weeds

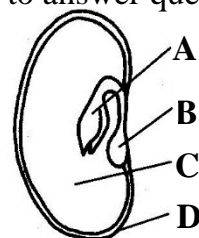
15. How can a farmer control rabbits/hare in a groundnuts garden?
- A. Weeding the garden
B. Planting cassava early
C. Using resistant varieties
D. Trapping the pests

SCIENCE AND TECHNOLOGY

16. What are the two major parts of the brain?
1. Cerebrum
2. Medulla oblongata
3. Intestines
4. Nerves
- A. 1 and 2 C. 2 and 4
B. 1 and 3 D. 3 and 4
17. Which of the following is an example of a non-flowering plant?

- A. Baobab C. Liverworts
B. Mangoes D. Onions

Figure 2 shows internal parts of a bean seed. Use it to answer questions that follow.



18. Name the parts marked **A** and **D**.

- A. Plumule and radicle
- B. Cotyledon and testa
- C. Plumule and cotyledon
- D. Plumule and testa

19. After seed germination, part **A** develops into

- A. A fruit C. Seed
- B. Roots D. A shoot

20. Which of the following is a characteristic of insect pollinated flowers?

- A. Have no scent
- B. Small quantities of sticky pollen produced
- C. Flowers usually small
- D. Have no nectar

21. Which of the following are vertebrate animals?

- A. Butterflies C. Ants
- B. Earthworms D. Snakes

22. Which of the following animals is herbivore?

- A. Goat C. Leopard
- B. Lion D. Snake

23. The grouping of things according to their similarities and differences is called

- A. Classification C. Mixture
- B. Grading D. Identification

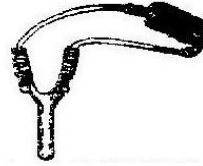
24. Which of the following is a problem of a skin?

- A. Ear infections
- B. Eye defects
- C. Cold and flue
- D. Cancer of the skin

25. Which of the following is a way of cleaning the home?

- A. Slashing C. Building
- B. Mopping D. Weeding

Figure 3 is a diagram of technology. Use it to answer questions that follows.



26. Name the technology.

- A. Drum
- B. Grinding stone
- C. Bow and arrow
- D. Catapult

27. The technology is used for

- A. Sending messages
- B. Pounding
- C. Hoeing
- D. Killing birds

Study the following food chain

Green grass → grasshopper → birds → snake

28. Which of the following is the primary producer?

- A. Snake C. Grasshopper
- B. Birds D. Green grass

29. What would happen to birds if all snakes disappeared?

- A. They would feed on grass
- B. They would disappear
- C. They would multiply
- D. They would not find food

30. What part of a flower develops into a fruit?

- A. Stigma C. Petal
- B. Ovary D. Ovule

SECTION B (70 Marks)
AGRICULTURE

31. a) What is soil erosion?

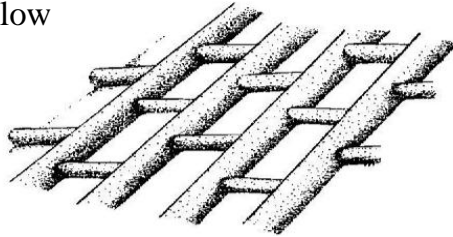
(2 Marks)

b) Outline any two causes of soil erosion.

- i. _____
- ii. _____

(2 Marks)

Figure 4 is a diagram showing a method of soil conservation. Use it to answer questions that follow



c) Identify the soil conservation method shown above.

(2 Marks)

d) Outline any one importance of the soil conservation method?

(2 Marks)

32. a) What is agriculture?

(2 Marks)

b) Give two main branches of agriculture.

(2 Marks)

c) Classify the following sub-branches of agriculture into animal and crop production; Apiculture, Agronomy, Silviculture and Poultry.

(4 Marks)

33. a) What is a forest?

(2 Marks)

b) Give any two types of forests.

(2 Marks)

34. a) State any two examples of common farm tools.

- i. _____
ii. _____

(2 Marks)

b) What is the use of following farm tools?

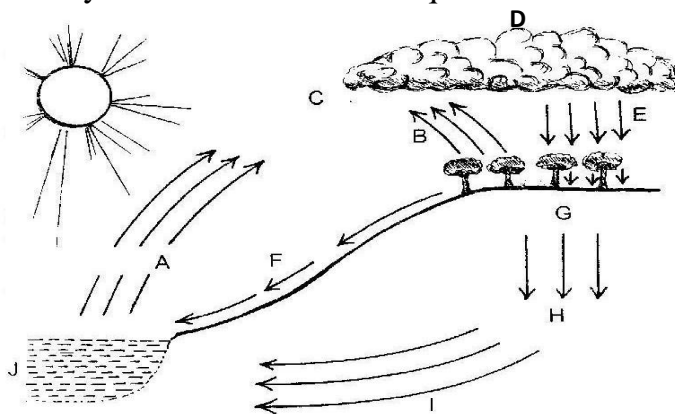
- i. Rake

(1 Mark)

- ii. Hand trowel

(1 Mark)

Figure 3. Study it and use it to answer questions that follow.



35. a) Name the figure above.

(2 Marks)

b) What is the importance of the sun in the figure?

(1 Mark)

c) Identify the stage **G** and **I**.

G: _____ **I:** _____

(2 Marks)

36. a) Define poultry production.

(2 Marks)

b) List down any two examples of poultry production.

(4 Marks)

SCIENCE AND TECHNOLOGY (35 Marks)

37. a) Describe the meaning of the term “scientific investigation.”

(2 Marks)

b) Mention any two stages involved on scientific investigation.

(2 Marks)

c) **Use the information below to answer questions that follow.**

Learners in Standard 7 had kitchen and table salts. They carried out an investigation in which they wanted to find out the rate of dissolving of the substances. In conclusion, it was found that table salt dissolved faster than kitchen salt.

i. Identify the independent and dependent variables in the experiment.

(1 Mark)

ii. What is the purpose of a control in a scientific investigation?

(1 Mark)

iii. Suggest a “constant” variable. In this scientific investigation.

(1 Mark)

38. a) Define the following terms:

i. Flowering plants

(2 Marks)

ii. Non-flowering plants

(2 Marks)

b) Sort the following plants into flowering and non-flowering plants; argue, coconut, moulds and beans.

(4 Marks)

c) What name is given to the male part of a flower?

(2 Marks)

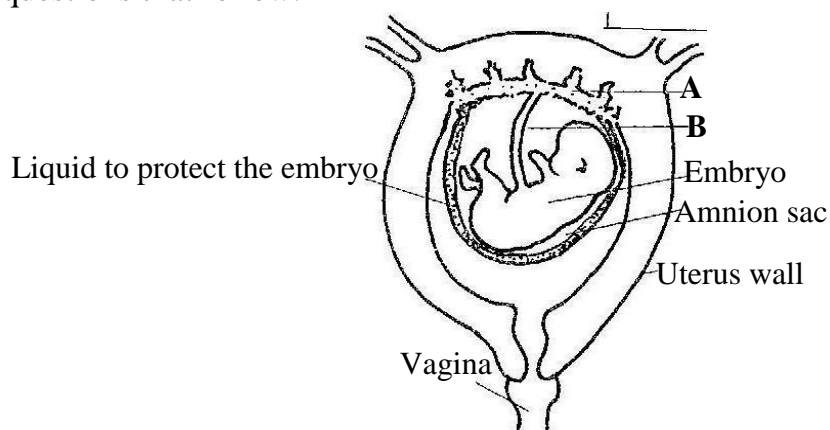
d) Outline any two agents of pollination.

(2 Marks)

39. a) Define “fertilization”.

(1 Mark)

b) **Figure 6** is a diagram of an embryo attached to the uterus wall. Use it to answer questions that follow.



i. Identify the letter marked **A** and **B**.

A: _____

B: _____

(2 Marks)

ii. What is the function of the part labeled **A**.

(1 Mark)

iii. State any two substances that can pass through letter marked **B**.

(2 Marks)

40. a) Give any two examples of carnivores.

(2 Marks)

b) Write down any two types of worms.

(2 Marks)

41. a) State any two sense organs.

(2 Marks)

b) What is a joint?

(2 Marks)

c) Give any two types of joints.

(2 Marks)

END OF QUESTION PAPER

NB: This paper contains 8 printed pages.