



THE REPUBLIC OF UGANDA

TAAND EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT EXAMINATION TERM II, 2024

PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random Number	Personal Number

Candidate's Name:

Candidate's Signature:

School's Name:

District:

Read the following instructions carefully.

SECTION A: (40 Marks)

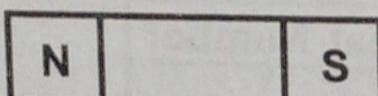
Questions 1 to 40 carry one mark each.

1. Name the tissue which joins a bone to a bone.

2. Mention **one** material people can use to make farm yard manure.

3. Name the type of energy possessed by a pot on the head of a woman going to fetch water.

Study the diagram below carefully and answer the question that follows.



4. Identify the method of magnetisation shown in the above diagram.

5. Give **one** example of cereals.

6. Which part of a flower develops into a fruit after fertilisation?

7. Identify the part of the alimentary canal where fats are first digested.

8. Name any **one** flightless bird.

9. State the reason why objects weigh less in water.

10. How is the reproduction in a fern different from that of a conifer? []

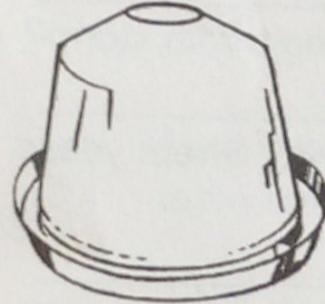
11. Write **one** example of a plant fibre.

12. Give **one** sanitary activity that can reduce housefly infestation in a home.

13. Mention **one** importance of osmosis to plants.

14. State **one** way animals can be used as energy resources.

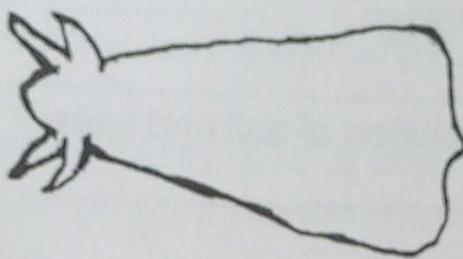
- answer the question**
15. Mention **one** biological change in plants.
16. Why is a turtle regarded as an aquatic animal?
17. How does mulching help to maintain soil fertility?
18. Which method is used to recover salt from a solution of salt and water?
19. What form of energy is stored in a dry cell?
20. How does painting of metals prevent them from rusting?
21. Identify the farm tool below.



22. State **one** way plants depend on each other in the environment.
23. What first aid is given to a person who has got a compound fracture?
24. How is a blubber important to sea mammals?
25. Which vaccine provides immunity against tuberculosis?
26. Name the farm practice that makes mating easy in sheep.
27. Give **one** activity carried out by farmers to prevent overcrowding of crops in their gardens.
28. Name the type of preservation where milk is strongly heated for a short time and rapidly cooled to below 0°C.
29. Mention any **one** device that has an electromagnet in it.
30. How can echoes be dangerous to human beings?

31. Define the term "skeleton".

32. What major item is obtained from the cattle with the shape below?



33. In which part of the digestive system does mechanical digestion take place?

34. Why is it not advisable to stand under tall trees during a rain storm?

35. Besides making alcohol, give **one** other human activity where yeast can be used.

36. Write any **one** effect of teenage pregnancy to school girls.

37. Name any **one** gas found in electric bulbs.

38. Give any **one** example of an immovable joint in the human body.

39. Namuli is a girl who likes reading books so much.
Which sense organ does she use to read the books?

40. Identify the type of soil which does not allow water to pass through it easily.

SECTION B (60 Marks)

41. (a) Explain the term "photosynthesis".

(b) State the role of chlorophyll during photosynthesis.

(c) How do animals benefit from photosynthesis?

(d) Name any **one** raw material for photosynthesis.

42. (a) Briefly explain the term "static electricity".

(b) What name is given to static form of electricity in nature?

(c) Which force enables production of static electricity?

(d) Besides static electricity, mention **one** other form of electricity.

43. (a) Which germ causes malaria?

(b) How is the germ mentioned above spread?

(c) How can mosquitoes be controlled at;

(i) larva stage?

(ii) adult stage?

44. (a) Suggest any **two** activities done at home to promote sanitation.

(i)

(ii)

(b) State the recommendable distance of a pit latrine from a school.

(c) Write any **one** activity community members can perform to promote sanitation in the area.

45. **Match the following correctly.**

List A

- (i) Bile
- (ii) Saliva
- (iii) Gastric juice
- (iv) Pancreatic juice

List B

- Contains enzyme amylase.
- Contains enzyme pepsin.
- Emulsifies fats.
- Contains enzyme ptyalin.

(i) Bile _____

(ii) Saliva _____

(iii) Gastric juice _____

(iv) Pancreatic juice _____

46.

Use the list of organisms to answer questions.

Grasshoppers, Snails, Spiders, Earthworm, Scorpions

- (a) In which way are the organisms shown similar?
- (b) Identify any **two** organisms from the above list that can be grouped together.
- (i)
- (ii)
- (c) Give a reason to support your answer in (b) above.

47.

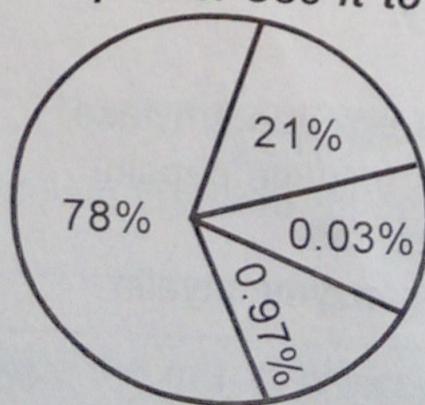
- (a) Give **one** example of a digestive disease.
- (b) Write down any **two** disorders of the digestive system.
- (i)
- (ii)
- (c) State any **one** good eating habit that promotes the proper functioning of the digestive system.

48.

- (a) Besides polio, name **one** other immunisable disease whose vaccine is given at birth.
- (b) Write down any **two** signs of measles.
- (i)
- (ii)
- (c) Why does government emphasize on massive immunization of children in Uganda?

49.

The pie-chart below shows the percentage of the gases found in the atmosphere. Use it to answer questions that follow.



- (a) Name the gas represented with the percentage of 21% on the pie-chart.

(b) Which gas occupies the largest percentage of the atmosphere?

(c) Write down **two** uses of carbon dioxide in the environment.

(i)

(ii)

50. (a) Give any **one** type of germination.

(b) How are the following conditions important during germination?

(i) Presence of water _____

(ii) Presence of oxygen _____

(c) Which part of an embryo of a seed comes out first during germination?

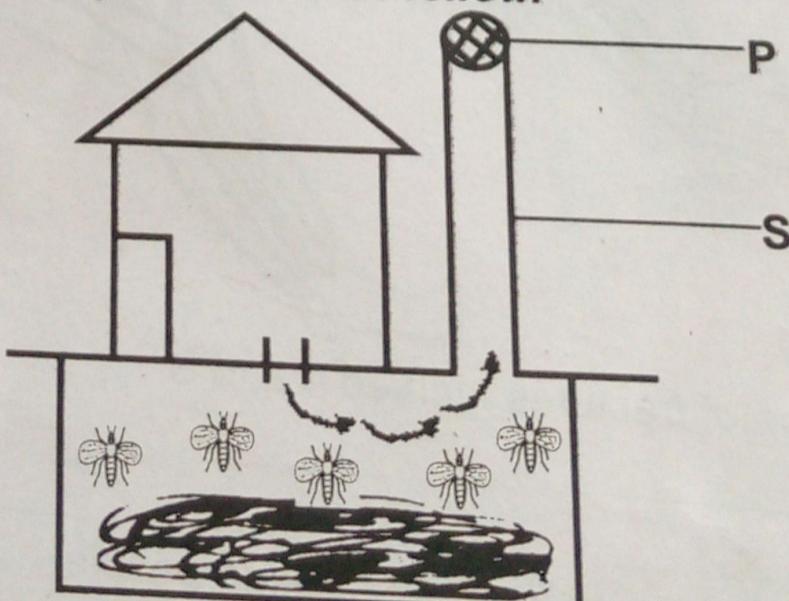
51. (a) Apart from castration, name any other routine practice on a cattle farm.

(b) State **one** advantage of castration.

(c) Give **one** danger of keeping cows with long horns in a kraal.

(d) Why is milk a useful cattle product to a baby suffering from kwashiorkor?

52. **Study the diagram of the structure below and answer the questions that follow.**



(a) Name the parts labelled;

(i) P _____

(ii) S _____

(b) Give **one** way we can ensure cleanliness of the above structure.

- (c) Name **one** disease which can break out as a result of failure to use the above structure properly.

53. (a) What is a resource?

- (b) Group the resources below in terms of renewable resources.

Coniferous, trees, coal

- (i) Renewable resource _____

- (ii) Non-renewable resource _____

- (c) Give **one** way of conserving non-renewable resources.

54. (a) Give the first aid for fever.

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- (b) Mention any **two** examples of foreign bodies of the eyes.

(i) _____

(ii) _____

- (c) Why is a piece of solid put in the mouth of a person with convulsions?

55.

*The diagrams below are of two different types of fractures.
Use them to answer the questions that follow.*



- (a) Name the type of fractures marked A and B.

(i) A _____

(ii) B _____

- (b) State any **one** cause of fractures among people.

- (c) Mention the first aid given to a fractured limb.

END