

UGANDA NATIONAL PRIVATE SCHOOLS EXAMINATIONS

MOCK EXAMINATIONS 2023

PRIMARY SEVEN

INTEGRATED SCIENCE

Time allowed: 2hrs 30 minutes

INDEX No.

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Name: _____ Stream: _____

School: _____

District Name: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully:

1. This paper is made up of two Sections A and B.
2. Section A has 40 questions (40mks)
3. Section B has 15 questions (60 marks)
4. Answer ALL questions. All answers for both sections A and B must be written in the spaces provided.
5. All answers must be written using blue or black ball point pen or ink. Diagrams should be drawn using a pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for Examiners' use.

FOR EXAMINERS'
USE ONLY

QN. No.	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
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47 - 49		
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SECTION A (40Mks)

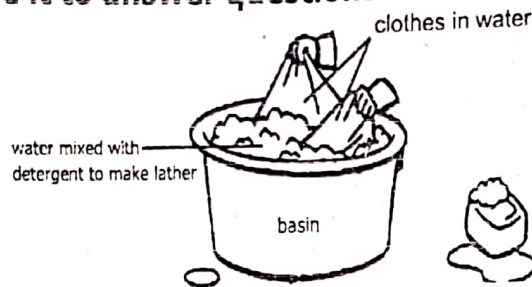
1. State the interdependence between a bee and a flower.

2. Why is a spider not called an insect?

3. How does regular hammering destroy magnetism?

4. Outline any one way of handling layers which lay soft-shelled eggs.

The diagram below show one of the steps followed when cleaning clothes. Use it to answer questions that follow.



5. Name the step followed when cleaning clothes shown above.

6. State any one way in which the step named in (a) above is useful when cleaning clothes.

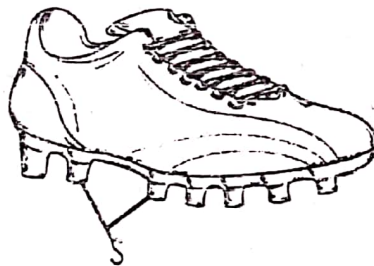
7. Where does the digestion of food end in man?

8. Give a reason to support your answer above.

9. Give any one example of a biological change in plants.

10. State any one way in which a school health club can promote health in their community.

The diagram below shows a sports boot. Use it to answer question 11.



11. How usefui are parts marked with letter S?

12. Name the blood component that is mainly affected by the plasmodium germ.

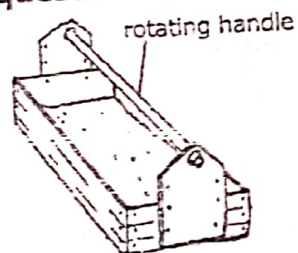
13. Write down any one milk product you know.

Study the picture of cow peas below and answer question 14.



14. Which method of seed dispersal do cowpeas undergo?
15. Mention the structure of a VIP latrine that traps and kills flies.
16. Identify the type of change that takes place when fruits ripen.
17. What is demography?
18. State one way farmers control soil erosion in their gardens.
19. Give any one cause of short circuit.
20. Why do arteries have thick walls.
21. Give any one importance of health survey in our community.

**The diagram below shows an equipment used on a poultry farm.
Use it to answer questions 22 and 23.**



22. How useful is the equipment to a poultry farmer?
23. Why is the equipment made of rotating handle?
24. How does chlorine make water safe for drinking?
25. Name the type of lens used in a magnifying glass.
26. Give any one example of a non-renewable energy resource.

Use the diagram of the animal below to answer questions 27 and 28.



27. Identify the class of arthropods to which the above animal belongs.

28. How does the above animal protect itself?

29. State any one example of a secondary sexual characteristics common to both boys and girls.

30. Name one excretory product removed by the lungs.

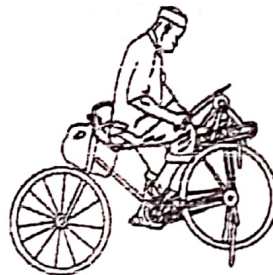
31. Give one way in which moulds are similar to ferns.

32. State one importance of agro- based forestry.

33. Write down one danger of buying drugs from local shops or markets.

34. Which blood vessels transports digested food from the ileum to the liver?

The picture below is of Mzee Zedde sharpening a knife. Use it to answer questions 35.



35. Which force enables Mzee Zedde to sharpen the knife.

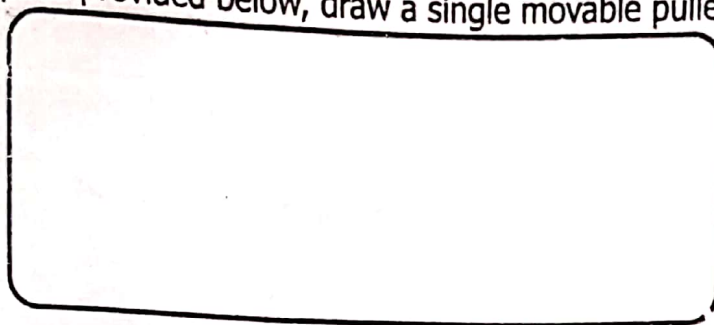
36. What is a physical change.

37. State any one advantage of prune.

38. Write any one example of a water borne disease.

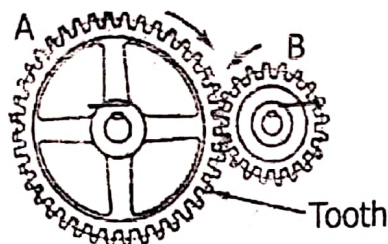
39. Which bone joins the elbow and shoulder?

40. In the space provided below, draw a single movable pulley.



SECTION B (60Mks)

41. The diagram below shows a simple machine. Study it and answer questions that follow.



- a) To which type of simple machine does the machine above belong.
- b) State any two uses of the simple machine above.
- i) _____
- ii) _____
- c) If A has 40 teeth and B has 20 teeth, how many rotation does B make in one revolution

42. In the table below, part A shows the components of blood in the body. Part B shows their functions but in their wrong order.

A: Components	B: Function
a) Red blood cell	Defends the body against diseases causing germs
b) Platelet	Transports oxygen to all body parts.
c) Blood plasma	Clots blood incase of an injury.
d) White blood cells	Transports digested food to all body parts.

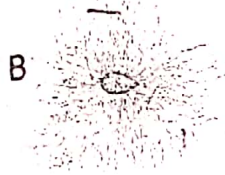
Select from the table the correct function of the blood components and write in the space provided below.

- a) Red blood cell _____
- b) Platelet _____
- c) Blood plasma _____
- d) White blood cell _____
- 43a) Name one vector which spreads dysentery.
- b) Mention any one type of dysentery.

c) Write down one sign of dysentery.

d) Give any one way of controlling and preventing the spread of dysentery.

44. Use the diagrams below to answer questions that follow.



a) How are the seeds marked A, B, and C above dispersed?

i) A _____

ii) B _____

iii) C _____

b) State one advantage of seed dispersal.

45a) Name one common poultry disease caused by protozoa.

b) How are poultry diseases dangerous to commercial farmers?

c) Give one system of poultry rearing in which diseases can be controlled easily.

d) State any one way of controlling viral diseases in poultry.

46a) Why is it wrong to say that plants are non-renewable resources.

b) Give two examples of non-living renewable resources.

i) _____

ii) _____

c) State one way animals are used as energy resources.

41a) Briefly explain the term physical change.

b) Why is melting regarded as a physical change?

c) Apart from melting, give any two other examples of physical changes.

i) _____

ii) _____

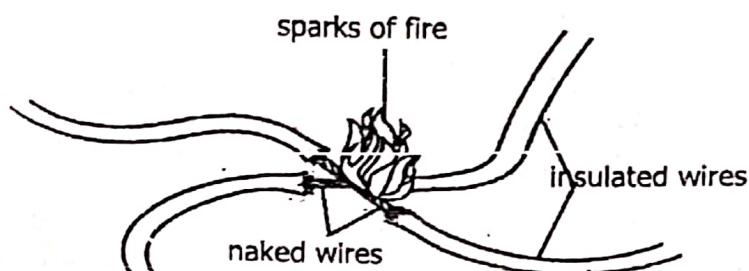
48a) Define the term sexual deviation.

b) Give any one reason why people practice sexual deviation.

c) Write any one form of sexual deviation in the society.

d) State any one way of avoiding sexual deviation.

49. The diagram below shows a condition during the flow of electricity along electric wires. Study and use it to answer questions that follow.



a) Identify the electric condition shown above.

b) Write any two causes of the above condition during flow of electric current.

i) _____

ii) _____

c) How can we control and prevent the above condition during electrical installation?

50a) In the space provided below, draw a foot and beak of a swimming bird.

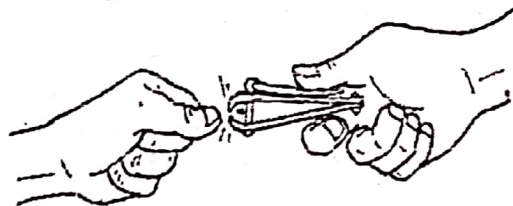
a)	Beak of a swimming bird	b)	Foot of a swimming bird

b) List any two examples of swimming birds.

i) _____

ii) _____

51. The diagram below shows the health habit done by people in the community. Study and use it to answer questions that follow.



a) Identify the health habit shown above.

b) How does the health habit above prevent the spread of diarrhoea diseases?

c) Give any two importance of good personal hygiene.

i) _____

ii) _____

52. The diagram below shows a farm practice done in sheep keeping. Study and use it to answer the questions that follow.



- a) Identify the farm practice shown in the diagram above.

- b) In which season is the above farm practice done?

- c) Why is the farm practice done in the season you have given in (b) above?

- d) Mention the product obtained from the farm practice shown in the diagram above.

53a) Give any two components of the soil.

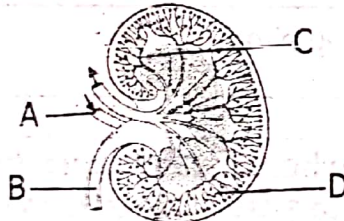
i) _____

ii) _____

b) Which component of soil improves upon its water holding capacity?

c) What component of soil does the use of chemicals excessively affect?

54. The diagram below is a section of a human kidney. Use it to answer the questions that follow.



a) Name the part marked with letters B and C.

i) B _____

ii) C _____

b) What happens to blood in the part marked with letter D?

c) How is part A important to the kidney?

55a) Give any two importance of resting after meals.

i) _____

ii) _____

b) State any two reasons for doing physical exercise.

i) _____

ii) _____