

KABOJJA JUNIOR SCHOOL

MID TERM THREE EXAMINATIONS - 2022

INTEGRATED SCIENCE - P. 6

Time allowed: 2Hrs 15 MIN

Name: Stream:

Instructions 1. Attempt all questions.

2. You must use a very good handwriting.

3. All answers must be written using a blue/black point pen or fountain pen.

4. Only diagrams or graph work must be done in pencil.

FOR EXAMINER'S USE ONLY

SECTION A		TOTAL (%)
SECTION B		

1. State the injury caused by steam to a human body.

.....

2. Name the stage of a butterfly which is useful to a crop farmer.

.....

3. Give **one way** in which termites benefit from soil.

.....

4. State **one effect** of gonorrhea on the female reproductive system.

.....

5. How are birds like duck adapted to swimming?

.....

The diagram below shows a type of cattle reared on a farm.

6. Why do farmers rear such type of cattle?

.....

7. What are gonads?
.....
.....
8. State **any one** way in which alcoholism affects a family.
.....
9. State **any one** reason why animals make sound.
.....
10. Name the process through which water turns into ice.
.....
11. What happens to the diaphragm during inhalation?
.....
12. State **any one** physical change that takes place during the process of distillation of alcohol.
.....
13. What is the importance of the rings of cartilage in the trachea of the respiratory system?
.....
14. Why does a nail sink in water?
.....
15. Give **any one** danger of wetland drainage to water animals.
.....
16. State **any one** element of Primary Health Care.
.....
17. Why are laying boxes put in dark corners of a poultry house?
.....
.....
18. Apart from causing diseases, give **one** other way in which fungi are harmful to people.
.....

19. How is a reflected sound helpful to sailors?

.....
.....

20. Give **one way** in which molluscs are different from fish.

.....

21. Give **any one** mineral deficiency disease in humans.

.....

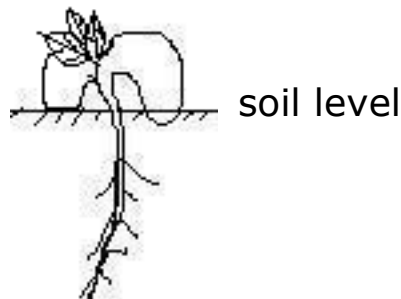
22. Name the type of bees which develop from unfertilized eggs.

.....

23. State **any one** way in which the spread of germs by houseflies can be controlled.

.....

The diagram below shows a germinating seed. Study and use it to answer questions 24 and 25.



24. What type of germination is shown in the diagram above?

.....

25. To which group of flowering plants does the germination seed belong?

.....

26. State **any one** way in which saliva is useful in the process of digestion.

.....

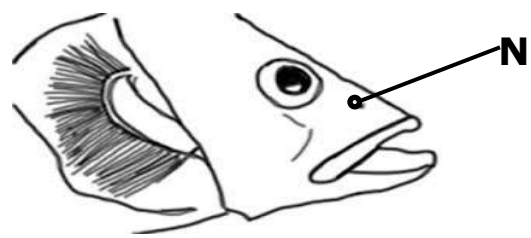
27. Name the vaccine which is given to prevent three childhood immunisable diseases.

.....

28. Name the water borne disease which makes people lame.

.....

Below is a head of fish. Study it carefully to answer questions 29.



29. What is the use of part **N**?
.....
30. What is family planning?
.....
31. Give **any one** example of dairy products.
.....
32. State **any one** way in which wind can be used as resources.
.....
33. Write **any one** of the 5Rs in waste management.
.....
34. Give **any one** way of controlling the bad smell in an ordinary pit latrine.
.....
35. Name the property water shown below.

.....
36. State **any one** disease of rabbits.
.....

37. Which property of air makes the lungs expand when we breathe in?
.....
38. Apart from curing diseases, give **one** other characteristic of essential drugs.
.....
39. Give **any one** danger of frequent pregnancy to a mother.
.....
40. State **any one** characteristic of seeds dispersed by wind.
.....

SECTION B (60MARKS)

- 41.a) Give **any two** signs which show that a baby is dehydrated.
i)
ii)
- b) State **any two** pieces of advice you would give to a mother whose baby is dehydrated.
i)
ii)
- 42.a) Define the following terms as used in rabbit keeping.
i) Litter
.....
.....
ii) Buck
.....
.....
- b) Name **any two** exotic breeds of rabbits.
i)
ii)

43. **The diagram below shows circulation of blood in the human body. Study and use it to answer the questions that follow.**

- a) Name the organ marked with letter **X**.
.....
- b) Which blood vessel is marked with letter **W**?
.....
- c) State **the similarity** between blood vessel **Y** and blood vessel **Z**.
.....
.....

- 44.a) Write down **any two** causes of soil erosion.
- i)
 - ii)
- b) Which agent of soil erosion causes gullies?
.....
- c) How does soil erosion lead to soul infertility?
.....
.....

45. Below is part of a child health card for baby Aaron who was born at Mulago hospital. Study it carefully and answer questions that follow.

Date	Immunisations				
	BCG vaccine	Polio vaccine	DPT/HepB vaccine	Measles vaccine	Next visit
10/2/2022	✓	✓			22/3/2022
22/3/2022		✓	✓		28/4/2022
28/4/2022		✓	✓		28/5/2022
28/5/2022		✓	✓		20/11/2022

- a) On which date could this boy have been born?
.....
- b) Give a reason to support your answer.
.....
- c) State one way in which a child health card is important to a mother.
.....
.....
- d) Why is measles vaccine give to babies last?
.....
.....

- 46.a) What causes fainting?
.....
- b) State **any two** conditions that can lead to fainting.

i)

ii)
- c) Why are the legs of a person who has fainted raised higher than the head when giving first aid?
.....
.....

47. **Use the list of crops given below to answer the questions that follow.**

conifer, coffee, cassava, groundnut

- a) Which crop on the list is propagated by use of stem cutting?
.....
- b) Identify **any one** crop on the list which is:
- i) an annual crop
- ii) a perennial crop
- c) Give **any one** way in which a conifer is different from all the other crops on the list.
.....
48. **Study the diagram of human foetus in the uterus and answer the questions that follow.**

- a) Name the liquid marked **A**.
.....
- b) State the **function** of part **P** and **C**.
- i) **P**
.....
- ii) **C**
.....
- c) What is pregnancy?
.....
.....

- 49.a) Which breed of cattle is obtained by mating a pure local breed and an exotic breed?

 b) Give **any two** reasons why some farmers prefer keeping local breeds of cattle to exotic breeds.
 i)
 ii)
 c) State **any one** characteristic of dairy cattle.

- 50.a) How do the following musical instruments produce sound;
 i) flute?

 ii) guitar?

 b) State **two** factors which affect the speed of sound.
 i)
 ii)

51. **The table below shows some common infections, organisms that cause it and the body parts affected. Study and complete it correctly.**

Common infections	Organisms that cause it	Body part affected
.....	Chlamydia	Eyes
Tuberculosis	Bacteria
.....	Virus	Bones and muscles
scabies	Skin

52.a) Apart from rainfall, give one other element of weather necessary for plant growth.

.....

b) In which **two** ways is rainfall important for plant growth?

i)

ii)

c) State **any one** disadvantage of too much rainfall to plants.

.....

53. **The diagrams below show animals in the arthropods group. Study and use them to answer the questions that follow.**

X

Y

Z

a) Name the group of arthropods to which animals **X** and **Y** belong.

i) **X**

ii) **Y**

b) Give **any one** reason why animal **Y** does not belong to the same group as animal **Z**.

.....

.....

c) How are animal **X**, **Y** and **Z** similar in the way they reproduce?

.....

.....

- 54.a) Apart from raising the temperature of substances, given **any two** effects of heat on matter.
- i)
- ii)
- b) State **any two** ways in which heat transfer by conduction is important to people.
- i)
- ii)
55. **The diagram below shows a simple method of making water clean. Study and use it to answer the questions that follow.**

- a) Name **the method** shown above.
-
- b) Apart from the coarse stones, name **any one** other local material which are placed in container **T**.
-
- c) Why should the clean water obtained in container S be boiled before drinking?
-
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END