

KAMPALA PRIMARY SCHOOLS'

SKYLINE ASSESSMENT

END OF 2ND (SECOND) TERM 2023

PRIMARY SIX (P.6)

INTEGRATED SCIENCE AND HEALTH EDUCATION

TIME ALLOWED: 2 HOURS 15 MINUTES

DATE: _____

NAME: _____

SCHOOL: _____

DO NOT OPEN THIS BOOK LET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully.

1. The paper is made of section A and B.
2. Section A has 40 short questions (40 marks).
3. Section B has 15 questions (60 marks).
4. Attempt ALL questions. All answers to both Section A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball-point pen or ink. Only diagrams and graphs work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.

FOR OFFICIAL USE ONLY.

SECTION	EXRS. MARKS	T/L MARKS	OFFICE
A			
B			
TOTAL			

SECTION A

1. Give the advantage of giving colostrums to calves.

.....

2. Why is a rock said to be non-living?

.....

3. How are pineapples propagated?

.....

4. In which way can hailstones be a danger to plants?

.....

5. How does crop rotation help to reduce pests in crop gardens?

.....

6. Give one example of a dairy product.

.....

7. How do conifer trees reproduce?

.....

Study the diagram below and use it to answer question 8.



8. Identify the leaf shown at the side.

.....

.....

9. Why is it bad to share with domestic animals the same house?

.....

10. Give one reason why some people smoke.

.....

11. Which component of air helps a seed to germinate?

.....

12. How does sound travel?

.....

13. Give one method used for castrating male animals.

.....

14. State one danger of high transpiration to plants.

.....

15. What is an echo?

.....

.....

16. Mention the plant that stores its food in the stem.

.....
17. Besides protecting a flower when it is young, give another function of sepals (epi-
calyx) to a plant.

.....
Study the diagram below and use it to answer question 18



18. Name the blood cells shown.

.....
19. Why is spray race important in cattle keeping?

.....
20. Give **one** example of a local bee-hive.

.....
21. What enables moths to be able to detect flowering plants at night?

.....
22. Mention **one** economic importance of alcohol to people who process it.

.....
23. Which type of response do plant roots have towards water?

.....
24. State **one** effect of having potted plants in the same residence with people.

.....
25. In which way can birds be dangerous to a crop farmer?

.....
26. Convert 80°C to degrees Fahrenheit.

.....
27. State **one** cause of permanent deafness in some people.

.....
28. In which way is drug prescription important to a patient?

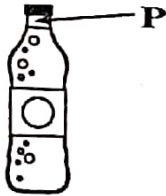
.....
29. How does amoeba reproduce?

.....
30. Mention **one** characteristic of molluscs.

31. What life skill can **one** apply to avoid alcohol intake?

32. Give the name for the first milk produced by a lactating cow.

Study the diagram below and use it to answer question 33.



33. Why is space left in the soda bottle at the side?

34. State **one** characteristic of a biological change in the environment.

35. Mention **one** advantage of tethering animals.

36. Given the mass of an object is 60gm. Find its density if the volume is 10cc.

37. Besides bacteria, give any other cause of dysentery.

38. Write PHC in full.

39. What causes measles?

40. Give **one** example of a pouched mammal.

SECTION B

41. (a) What is **photosynthesis**?

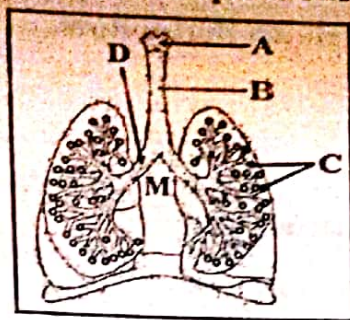
(b) Give any **two** raw materials needed during photosynthesis.

(i)

(ii)

(c) Which gas is released by plants during day time?

Use the diagram below to answer questions that follow.



42.(a) Name part marked A.

(b) How are parts marked C useful to human beings?

(c) To which body system does the drawn diagram belong?

(d) How useful is the organ located at M to the body system you have mentioned above?

43.(a) Why do some objects float when dropped in water?

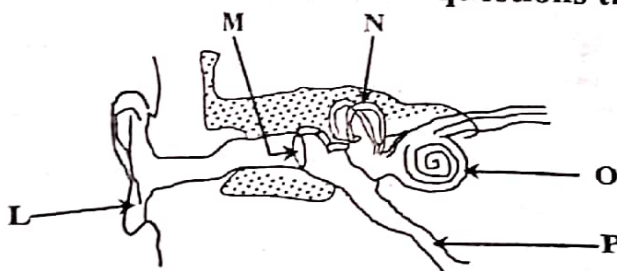
(b) Give any two examples of objects that can float on water.

(i)

(ii)

(c) State a reason why a metal box will sink in water.

Given below is a human ear. Use it to answer questions that follow.



44.(a) Name parts marked:

(i) O:

(ii) L:

(b) State **one** factor that can disable part M from carrying out its function properly.

(c) Give **one** cause of permanent deafness.

Use the diagram below to answer questions that follow.



45. (a) How can the instrument above produce sound?

.....

(b) To which group of musical instruments does it belong?

.....

(c) Write down any **one** example of a wind instrument.

.....

(d) Write SONAR in full.

.....

46. (a) What is soil erosion?

.....

(b) Give any **two** causes of soil erosion.

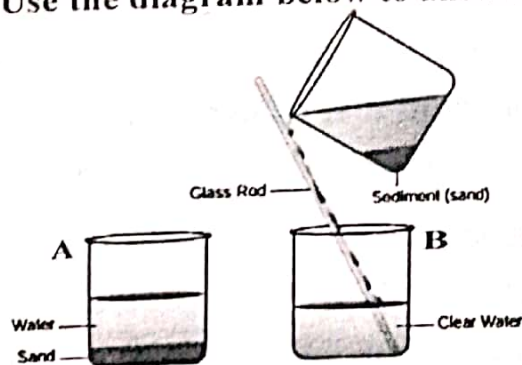
(i)

(ii)

(c) Mention **one** way soil erosion is prevented in hilly areas.

.....

Use the diagram below to answer questions that follow.



47. (a) Name the process carried out shown used for obtaining clean water.

.....

.....

(b) Why is the water obtained above not safe for drinking?

.....

(c) What will happen to the water at stage B if chlorine is put in?

.....

(d) Give the best way of obtaining safe water for drinking.

.....

48. (a) Which cattle disease can cause cows under gestation to abort?

.....

(b) State any **two** ways cattle can be kept well without effect of infectious diseases.

(i)

(ii)

(c) Mention **one** internal parasite in cattle.

.....

49. Match List A with List B correctly.

LIST A	LIST B
Cholera	Unprotected sexual intercourse
Tuberculosis	Through contaminated water.
Syphilis	Through drinking contaminated water.
Scabies	Through droplet infection.

(i) Cholera:

(ii) Tuberculosis:

(iii) Syphilis:

(iv) Scabies:

50.(a) What is transpiration?

.....

.....

(b) State **two** factors which can affect the transpiration stream.

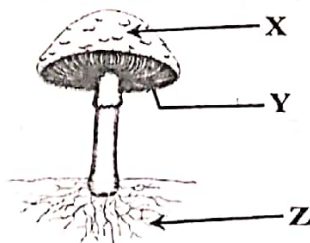
(i)

(ii)

(c) In which way can transpiration stream be of importance to plants?

.....

Study the diagram below and use it to answer questions that follow.



51.(a) To which group of living things do mushrooms belong?

.....

(b) Name part marked Z.

.....

(c) Give **one** function of part marked Y.

.....

(d) What food value does one obtain after eating mushroom shown in No.51?

52.(a) State two agents of seed dispersal.

(i) (ii)

(b) Mention any two importance of seed dispersal in the environment.

(i)

(ii)

53.(a) Mention one example of a flightless bird.

.....

(b) State one reason why the bird you have named above does not fly.

.....

(c) Of what use are feathers to the bird you have named in 52.(a) above?

.....

(d) How is a beak useful to a bird?

.....

54. State any four factors needed for starting a cattle farm.

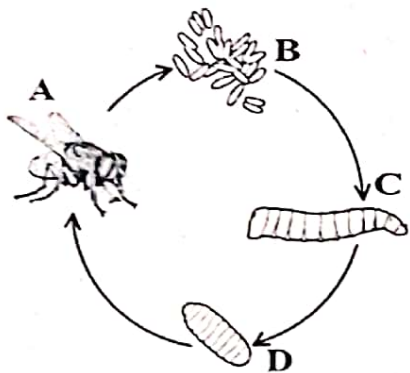
(i)

(ii)

(iii)

(iv)

Study the life cycle of an insect and use it to answer questions that follow.



55.(a) Which insect has such a life cycle shown?

.....

.....

(b) What stage is shown by letter C?

.....

(c) How can such an insect in adult stage be dangerous to people?

.....

(d) Give the dormant stage in the life cycle above.

.....