

# KAMPALA PRIMARY SCHOOLS' SKYLINE ASSESSMENT

END OF 1<sup>ST</sup> (FIRST) TERM 2024

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
<b>A</b>			
<b>B</b>			
<b>TOTAL</b>			



## SECTION A

1. Give **one** example of a flying mammal.  
.....
2. Which component of air is used in fire extinguishers?  
.....
3. How do farmers propagate banana plants?  
.....
4. What enables a duck to swim in water?  
.....
5. Mention the instrument used for measuring human temperature.  
.....
6. What is a weed?  
.....
7. What name is given to a female piglet?  
.....
8. State the importance of planting viable seeds.  
.....

Study the diagram below and use it to answer question 9.



9. Identify the type of tooth drawn.  
.....  
.....
10. Why do crop farmers stake some plants?  
.....
11. How do fish reproduce?  
.....
12. What is the function of an anemometer at a weather station?  
.....
13. Mention **one** physical process that helps in rainfall formation.  
.....
14. In which way is a **towel** useful after bathing?  
.....
15. How are blood platelets useful in our bodies?  
.....



16. What do ovaries of flowers develop into?

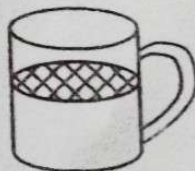
17. How is the Eustachian tube useful to our bodies?

18. State the importance of echoes to a ship captain.

19. Mention the source of energy that helps in rainfall formation.

20. Name the farm tool used for transplanting seedlings.

Study the diagram below and use it to answer question 21.



21. Identify the dairy equipment.

22. How are insecticides useful to a farmer?

23. Write PHC in full.

24. How can rats be prevented at home?

25. What is oral health?

26. Give one method used for planting seeds.

27. Which vector transmits bilharzias germs?

28. Give the importance of a funnel in a rain gauge.

29. How do ferns reproduce?

30. Give one sign a victim of kwashiorkor will have.

31. Of what value is a lateral line to a fish?



32. State the difference between a fracture and a dislocation.

.....  
.....

33. Why is a cockroach said to be a vector?

.....

34. How are caterpillars a danger to crop farmers?

.....

35. What does a rib cage protect in our body?

.....

36. How is a wind vane useful to pupils at school?

.....

37. What is sublimation?

.....

.....

38. Write down any **one** natural source of sound.

.....

39. Give **one** characteristic of essential drugs.

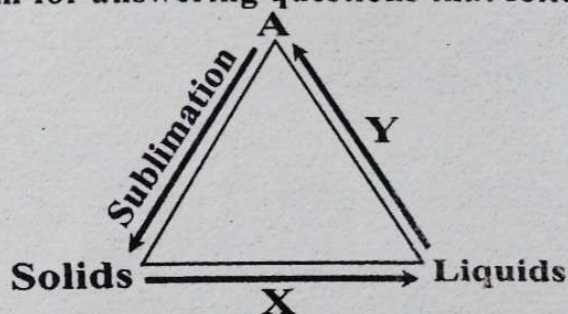
.....

40. Mention the disease which affects both rabbits and poultry.

.....

## SECTION B

Use the given diagram for answering questions that follow.



41. (a) Name state of matter at A.

.....

(b) Identify processes marked X and Y.

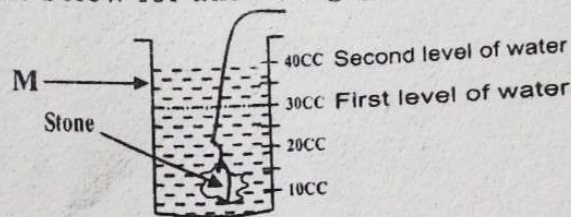
X .....

Y .....

(c) State the form of energy that enables the processes above to take place.



Use the given diagram below for answering questions that follow.



42. (a) Workout the volume of the irregular object.

(b) Name tool M.

(c) If the density of the irregular object is 8cc. Find its mass.

(d) Why do you think the object sunk into the container of water?

43. Briefly state what each below mean in sound energy.

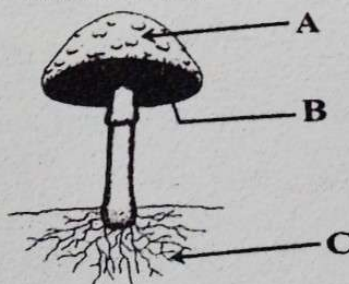
(a) Volume:

(b) Amplitude:

(c) Pitch:

(d) Echo:

Use the diagram below for answering questions.



44. (a) Name parts marked A and C.

A

C

(b) How is part B useful in the diagram?

(c) To which main group of organisms does the organism above belong?



45.(a) How are sweet potatoes propagated?

(b) Besides sweet potatoes give any other two examples of root tubers.

(i) .....

(ii) .....

(c) Name any one rodent pest to root tubers.

.....

46.(a) Give any two agents of soil erosion.

(i) .....

(ii) .....

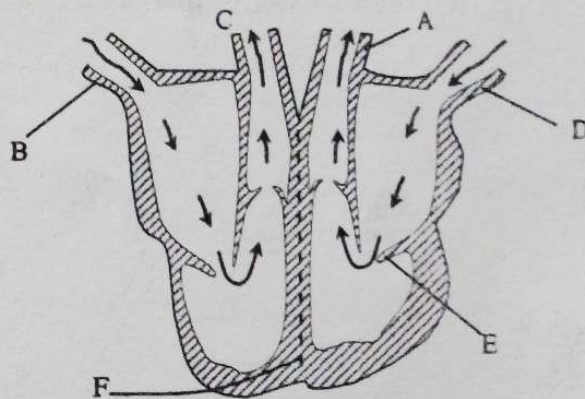
(b) How do farmers in hilly areas control soil erosion?

.....

(c) State one effect of soil erosion to crop yield.

.....

Use the given diagram below to answer the questions that follow.



47.(a) To which body system does the organ belong?

.....

(b) Name part F.

.....

(c) Which letter shows the blood vessel that;

(i) receives blood that has worked in the whole body into the heart? .....

(ii) receives blood from the lungs into the heart? .....

48.(a) Write down two vaccines administered to babies.

(i) .....

(ii) .....



(b) State **two** modes of administration of vaccines.

(i) .....

(ii) .....

49.(a) State the difference between a scald and a burn.

.....

.....

(b) Give the first aid for a scald.

.....

(c) Mention any **two** ways we can prevent burns and scalds to infants at home.

(i) .....

(ii) .....

50.(a) Why can't photosynthesis take place at night?

.....

(b) Give any **two** raw materials needed for photosynthesis to take place.

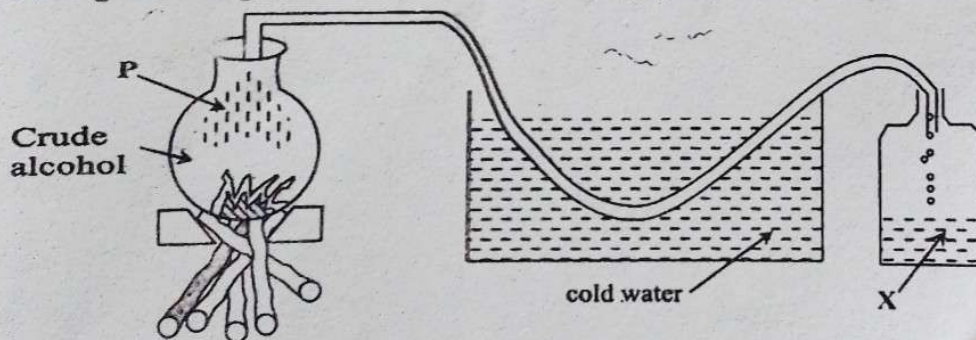
(i) .....

(ii) .....

(c) What name is given to the product obtained in the process of photosynthesis?

.....

Use the given diagram below for answering questions that follow.



51.(a) What does the experiment above illustrate?

.....

(b) What physical process is shown by letter P?

.....

(c) What does the fire represent in the environment?

.....

(d) What scientific name is given to the product at X?

.....

52.(a) What is drug prescription?

(b) How is drug prescription important to:

(i) Patients

(ii) Health worker

(c) Write down **one** factor that may lead to drug abuse.

53.(a) Give the incubation period of a hen.

(b) State **two** conditions which may cause a hen's eggs not to hatch.

(i)

(ii)

(c) What is brooding?

54. Match the items in S with those in T correctly.

LIST S	LIST T
Insect	Pinna
Frog	Antenna
Fish	Inner ear
Man	Lateral line

(i) Insect:

(ii) Frog:

(iii) Fish:

(iv) Man:

55.(a) What does term "laundry" refer to?

(b) Give the meaning of each of the following practices involved in washing clothes:

(i) Sorting:

(ii) Rinsing:

(iii) Wringing: