

# STANDARD PRIMARY EXAMINATIONS (SPE)

ASSESSMENT TERM ONE 2023

PRIMARY SEVEN

INTEGRATED SCIENCE

SET ONE

Time Allowed: 2 HRS 15 MINUTES.

INDEX NO.

Random No.						Personal No.		

Candidate's Name:.....

Candidate's Signature:.....

School Random No: .....

District ID: .....

Read the following instructions carefully.

1. Do not write your school or district name anywhere on this paper.
2. This paper has two sections: A and B.  
Section A has 40 questions and section B has 15 questions.
3. Answer **all** questions. All answer to both section A and B. must be written in spaces provided.
4. All answers **must** be written using a **blue** or **black** ball-point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read may lead to **loss of marks**.
6. Do not fill anything in the table indicated:  
"For Examiners' use only" and boxes inside the question paper.

FOR EXAMINERS'  
USE ONLY

QN.NO	MARKS	EXR'S NO
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

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### SECTION A (40 marks)

1. Why do some plants shed their leaves during the dry season?  
\_\_\_\_\_
2. What is food security?  
\_\_\_\_\_
3. Name the sense organ for hearing.  
\_\_\_\_\_
4. How is digestion of food important to the body?  
\_\_\_\_\_
5. Give one disadvantage of over crowding chicken in a poultry house.  
\_\_\_\_\_
6. State a reason why objects weigh less in water than air.  
\_\_\_\_\_
7. Which immunisable diseases can be spread through drinking unboiled milk from an infected cow?  
\_\_\_\_\_
8. Give one way in which echoes are useful in our environment.  
\_\_\_\_\_

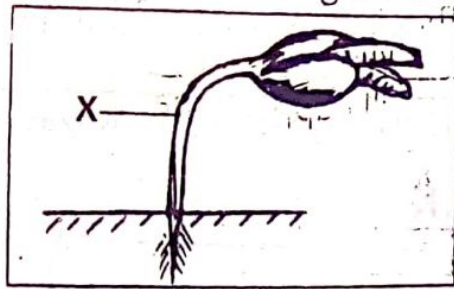
The diagram below shows a method of giving First aid to a victim. Use it to answer questions 9 and 10.



9. Name the type of accident the above victim got.  
\_\_\_\_\_
10. How important is tool labelled L in giving First aid?  
\_\_\_\_\_
11. How does a mushroom obtain its food?  
\_\_\_\_\_
12. Give a difference between a rice grain and a bean seed in terms of germination?  
\_\_\_\_\_
13. Why do crop farmers paint their garden tools?  
\_\_\_\_\_
14. What element of PHC is promoted through regular cleaning of teeth?  
\_\_\_\_\_

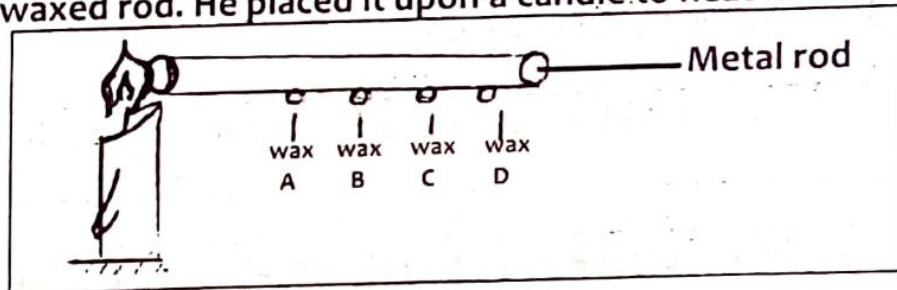


The diagram below is a germinating seed. Name the part marked X.



16. Name the Sexually Transmitted Disease that causes pus discharge from the penis, painful urination and infertility.
17. State any one cause for nose bleeding.
18. What type of electricity is generated from the Kinetic energy of running water?

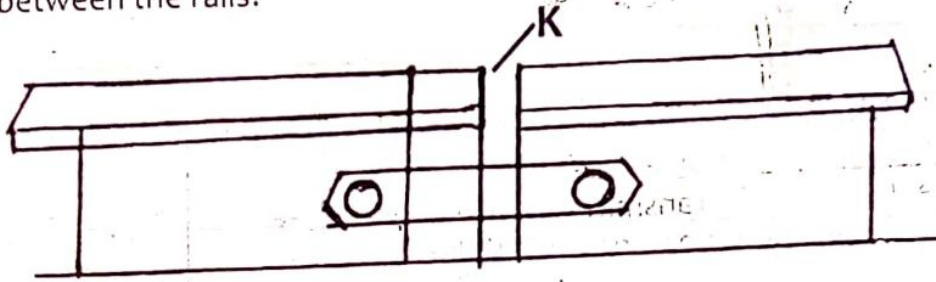
Okiria used a waxed rod. He placed it upon a candle to heat it at the end as below.



19. By what means does heat reach wax pin D?
20. What will happen to wax D when heat reaches across the end of the metal rod?
21. Outline one danger of passive smoking to a non-smoker.
22. Why is an eagle called a bird of prey?
23. Name the best way of controlling over accumulation of non-biodegradable wastes in the environment.
24. Mention one way in which food can be contaminated after it has been prepared.
25. State one way in which an adolescent can control bad odour that results from body changes.
26. Give a reason why crop farmers should carefully dry harvested crops before storage.
27. Name the part of human tooth that contains blood capillaries and nerve endings.

28. In which one way is evaporation an important process to the environment?

29. Below is a diagram of a rail line, what will happen if part K was not left in between the rails?



30. Name the gas mostly used by plants to manufacture proteins.

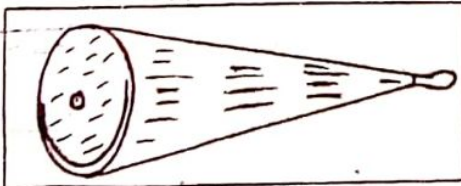
31. State any one effect of silting.

32. Give a difference between the air we breathe in and the air we breathe out.

33. Give the advantage of sorting clothes during washing.

34. Outline any one characteristic of seeds dispersed by water.

35. Name the type of bee hive drawn below.



36. State one way in which we can control the spread of malaria in our homes.

37. Which part of human skeleton protects the reproductive system?

38. Mention one energy resource from animals.

39. Complete the process represented below.

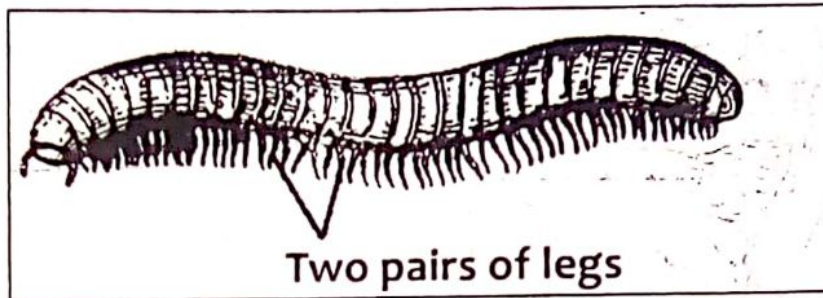
CARBONDIOXIDE + WATER = \_\_\_\_\_ + OXYGEN

40. Calculate the force that can be applied to push a block of mass 200gms.



SECTION B (60 marks)

41. Study the diagram below of an animal and use it to answer questions that follow.



- a) To which group of Anthropods does the above animal belong?
- b) How does the above organism protect itself apart from coiling itself?

c) Give **two** ways how the above animal is important in the environment.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

42. State **two** ways of conserving each of the following resources.

a) Minerals

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) Animals

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

43a) What are annual crops?

\_\_\_\_\_

b) Give any **one** example of an annual crop.

\_\_\_\_\_

c) Suggest **one** way of caring for plants in the garden.

\_\_\_\_\_

d) How does early planting help in the control of crop pests and diseases?

\_\_\_\_\_

44a) Give a reason why the government of Uganda offers free immunisation services to the people.

b) Give **one** method through which vaccines can enter our bodies.

\_\_\_\_\_

c) Why are vaccines given at different body sites?

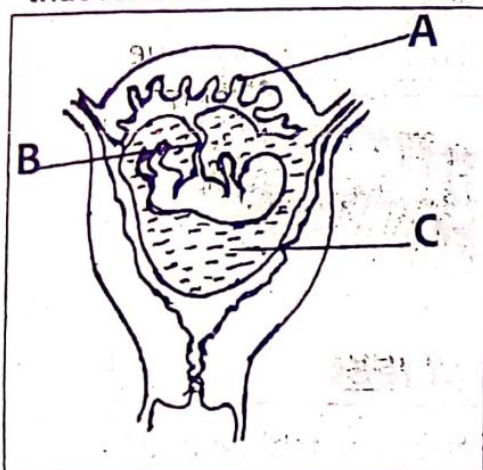
\_\_\_\_\_

d) Give an example of a pentavalent vaccine.

\_\_\_\_\_



45. The diagram shows a human foetus in the womb. Use it to answer questions that follow.



a) Name the parts labelled;

i) A \_\_\_\_\_

ii) B \_\_\_\_\_

b) Give the function of the part labelled C to the foetus.

c) Outline any **one** disorder of the above system.

46a) Give **two** ways of in which women can be vulnerable people.

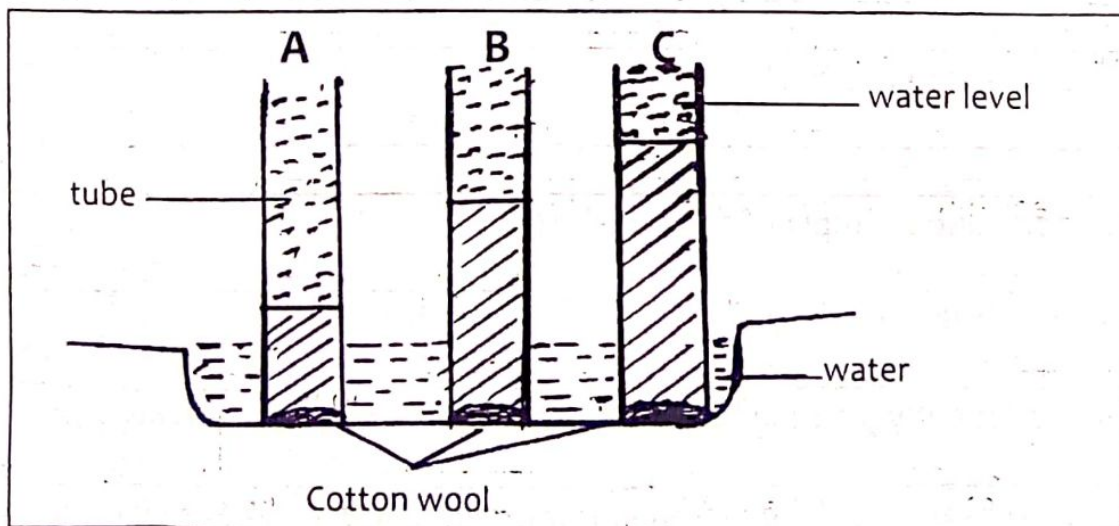
i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Outline **one** way of caring for vulnerable people.

c) What is the difference between an invalid and a convalescent?

47. A primary six pupil carried out an experiment on soil as below.



a) What property of soil is being investigated?

b) Name the soil samples marked;

i) A \_\_\_\_\_

ii) C \_\_\_\_\_

c) Which of the above soil samples is suitable for plant growth?





48a) Outline any **two** activities carried out on a school Health parade.

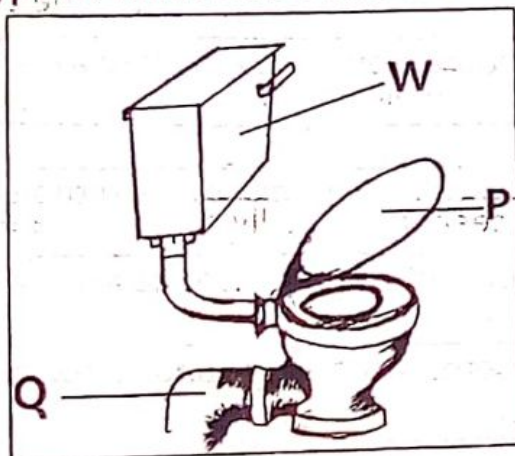
i) \_\_\_\_\_

ii) \_\_\_\_\_

b) State any **one** importance of PLASCY programmes to school children

c) Name **one** disease which can arise due to poor personal hygiene.

49. Study the type of toilet below and carefully use it to answer questions that follow.



a) Name parts labelled.

i) W —

ii) P —

b) Why is the above toilet built in such away that some water remains after flushing?

c) What is the importance of part Q in the above toilet?

50. Complete the table below correctly.

Deficiency disease.	Causes
Marasmus	i) _____
ii) _____	Lack of iron
Rickets	ii) _____
iv) _____	Lack of vitamin B3

51a) State the importance of cattle keeping the following structures in cattle keeping.

i) spray race

ii) Foot bath

b) Outline the importance of carrying out the following cattle management practices.

i) Ear tagging

ii) Dehorning

52a) What is "an essential drug".

b) Write down one example of an essential drug.

c) Give any **one** danger of taking unprescribed drugs to a patient.

d) State any **one** condition under which drugs should be stored.

53a) Mention **two** ways how some plants are adaptive to desert conditions.

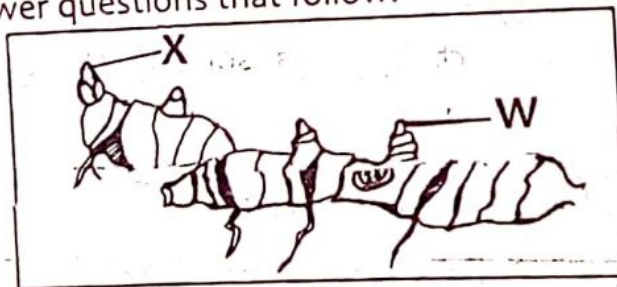
i)

ii)

b) Why is transplanting of seedlings usually done in the evening?

c) How does the presence of sunlight increase the rate of transpiration?

54a) The diagram below represents an underground stem, study it carefully and answer questions that follow.



a) Name the type of underground stem shown above.

b) Give **two** examples of underground stems above

i)

ii)

c) Name part X.

55. In **four** statements, explain how you would give First aid to a victim of near drowning.

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END

