

OSEB EDUCATIONAL CONSULT KAMPALA
PRIMARY LEAVING EXAMINATION SPOT ITEM 2

2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15minutes

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**. This paper has **12 pages** printed altogether.
3. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** answer **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 easily read may lead to **loss of marks**.
6. Do not fill anything in the box indicated: "**FOR EXAMINERS' USE ONLY**" and the boxes inside the

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		

SECTION A : 40 MARKS

Questions **1** to **40** carry **one mark** each

1. Give one example of a warm blooded animal.

.....

2. In one way, state how people make use of the stored sound.

.....

3. Suggest one way a P.7 girl can prevent herself from early pregnancies.

.....

4. Mention any one negative effect of excessive alcoholism to a community.

.....

5. ***A moss is a non-flowering plant.*** How does it reproduce?

.....

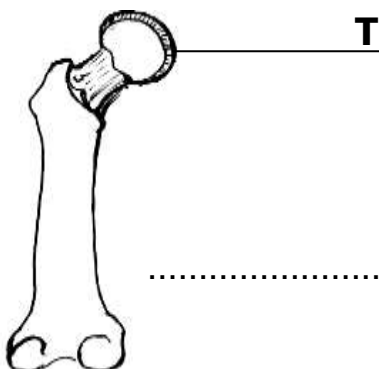
6. ***Mr.Lukoda's cattle farm was attacked by ticks.***What advice would you give him?

.....

7. Mention any one example of a renewable resource.

.....

8. ***Below is a diagram of a femur bone. State the use of the part marked T.***



9. Give one importance of soap in promoting personal hygiene.

.....

10. ***Cotton wool is always found in a first aid box.*** How is it important in first aid management?

.....

11. Suggest one way of maintaining good use of latrines at school.

.....

12. Mention one material used in preparation of Oral Rehydration Solution.

.....

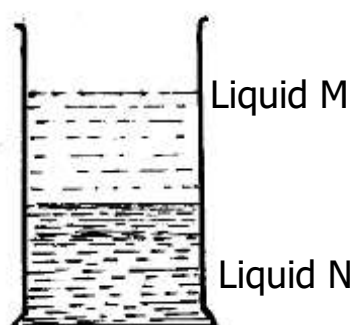
13. Name the type of chicken kept for egg production.

.....

14. Point out one possible cause of swarming in bee keeping.

.....

15. ***Solomon put two kinds of liquids in a tin which settled as shown below.***



Which liquid has a higher density than the other?

.....



16. State one importance of having children immunised.

.....

17. Which body system is responsible for breaking food into simple soluble particles?

.....

18. Mention one material from which soil is made.

.....

19. ***Compost manure is a good fertilizer.*** Give one material used to make it.

.....

20. Write any one artificial source of heat energy.

.....

21. Give any one effect of pests to crops in a garden.

.....

22. In one way, state how bacteria are harmful to people.

.....

23. ***Rusting is said to be a chemical change.*** Give one reason why.

.....

24. State one benefit people get from rearing goats.

.....

25. Suggest one way of preventing ourselves from electric shock.

.....



26. Give any one advantage of food taboos.

.....

27. ***In the space below, draw any leaf from a dicotyledonous plant.***

28. Mention one health habit which promotes dental health.

.....

29. Name one class of food that gives the body energy.

.....

30. ***The government of Uganda is trying to abolish the production and use of polythene bags.*** How is this important to the environment?

.....

.....

31. Mention any one disease of the skeletal system.

.....

32. ***Fossils in an example of a resource in the environment.*** Give one energy resource from fossils.

.....

33. What is a simple machine?

.....

.....



34. Mention any one organ of the human excretory system.

.....

35. How is a housefly useful during its larva stage?

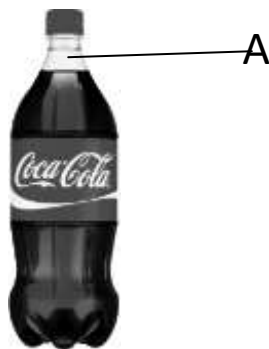
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36. ***A primary Seven Science teacher rebuked a boy who was hitting a magnet.*** Why do you think the teacher got annoyed?

.....

.....

Below is a diagram showing a bottle of soda. Use it to answer question 37.



37. Why is the space marked A left in the bottle?

.....

38. Apart from hearing, how else is the mammalian ear useful?

.....

39. Suggest one way of caring for seedlings in a nursery bed.

.....

40. Give one structural difference between arteries and veins.

.....

.....



SECTION B : 60 MARKS

Questions **41** to **55** carry four marks each.

41. (a) Name the type of electricity generated by flowing water.

.....

- (b) ***A secondary cell is a cell whose energy can be recharged.***

Name one device that uses a secondary cell.

.....

- (c) State any two uses of electricity to people.

(i)

(ii)

42. (a) ***Below are systems of poultry keeping.*** Give one advantage of each.

- (i) Battery cage system.

.....

- (ii) Free range system.

.....

- (b) Mention any one cause of poultry vices.

.....

- (c) Suggest one way of controlling vices on a poultry farm.

.....



43. (a) ***Give the meaning of the following terms.***

(i) Mass.

.....

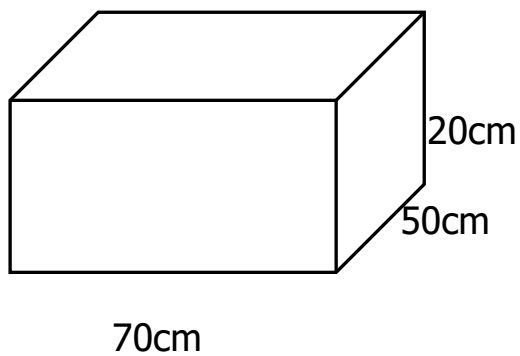
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(ii) Volume.

.....

.....

(b) Calculate the volume of the rectangular tin below.



(c) Find the litres of water the tank above can hold when full.

($1000\text{cm}^3 = 1 \text{ litre}$)



44. (a) Name any one mineral needed for bone formation.

.....

(b) Give any two uses of the skeleton to the human body.

(i)

(ii)

(c) Suggest one way of caring for the skeletal system.

.....

45. Mention the vaccine used in control of each disease below.

<u>Disease</u>	<u>Vaccine</u>
(i) Tuberculosis
(ii) Diphtheria
(iii) Hepatitis B
(iv) Measles

46. (a) ***Below are crop growing practices.*** Give one importance of each.

(i) Crop rotation.

(ii) Mulching.

(b) Suggest one way of recovering the fertility of exhausted soil.

.....

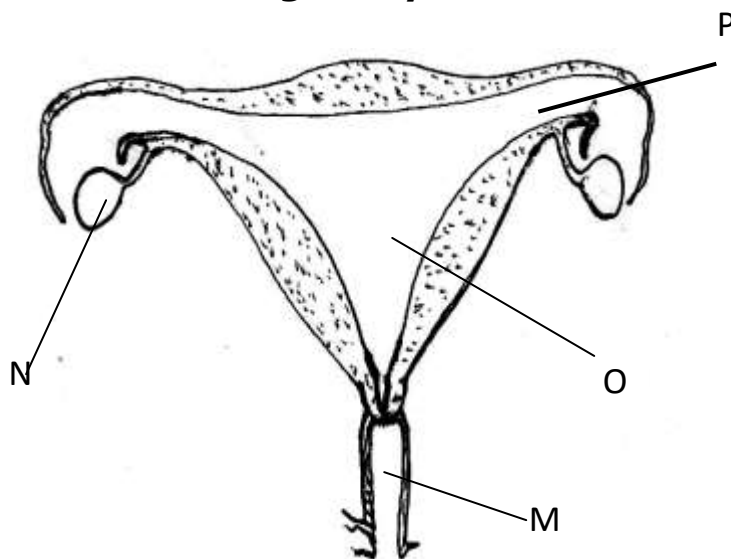
(c) Mention one way farmers can control crop diseases.

.....



47. ***The diagram below is of a human female reproductive system.***

Use it to answer the given questions.



(a) Name the part marked M.

.....

(b) Which letter shows the part where fertilization takes place?

.....

(c) Apart from production of ova, how else is part N important?

.....

(d) ***Using letter T, indicate the part affected by cervical cancer on the diagram.***

48. (a) What is pollination?

.....

.....

(b) Mention any one agent of pollination in plants.

.....



(c) Give one characteristic of insect pollinated flowers.

.....

(d) State what may happen to a plant if all its flowers are removed.

.....

49. Match the groups of animals with their examples.

Group

Example.

Arachinids

Tortoise

Insects

Spider

Amphibians

Toad

Reptiles

Termite

(i) Arachinids

(ii) Amphibians

(iii) Insects

(iv) Reptiles

50. (a)Mention the health condition that results from prolonged diarrhoea.

.....

(b) Give one habit that may cause a break out of diarrhoea.

.....

(c) State one danger of the condition mention in 50(a) above to people.

.....



(d) Suggest one way you would help a victim of the condition in 50(a) above.

.....

51. (a) Mention any two human activities that cause change to the environment.

(i)

(ii)

(b) In one way state how each factor below affects the environment.

(i) Prolonged period of too much sunshine.

.....

(ii) Thunder and lightning.

.....

52. (a) Apart from alcohol, give two other commonly abused drugs.

(i)

(ii)

(b) State any one cause of drug abuse among youths.

.....

(c) Suggest one way youths can prevent themselves from drug abuse.

.....



53. (a) Mention any two kinds of equipment or tools used to promote sanitation at school.

(i)

(ii)

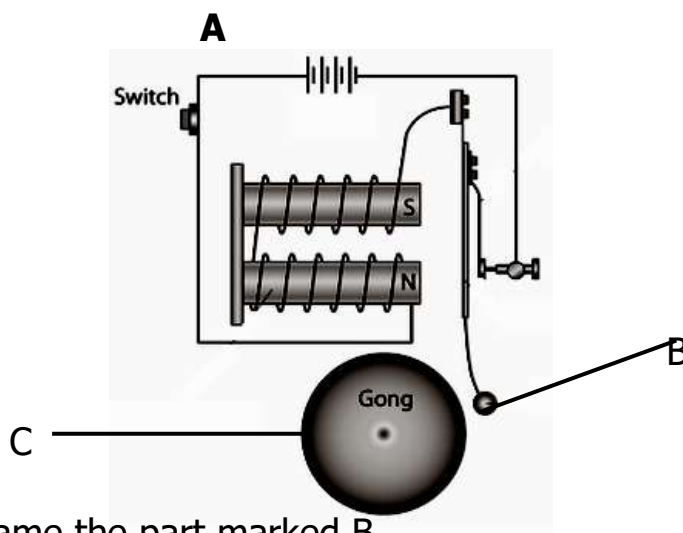
(b) State any one importance of good sanitation.

.....

(c) Give any one activity you can do to promote sanitation at school.

.....

54. ***The diagram below is of an electric bell. Use it to answer the given questions.***



(a) Name the part marked B.

.....

(b) State the use of parts marked A and C

(i) A

(ii) C

(c) Cite one place where such electric bells are used.

.....



55. ***Below are practices done on a cattle farm. State the meaning and one advantage.***

(a) Castration.

(i) Meaning:

.....
.....

(ii) Advantage:

.....
.....

(b) Artificial insemination.

(i) Meaning.

.....
.....

(ii) Advantage.

.....
.....

END

