



BETTER EDUCATIONAL CONSULTANCY

PRE-PRIMARY LEAVING EXAMINATION

SPOT ON SET 1, 2022
INTEGRATED SCIENCE

Time Allowed: 2 hours 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** of **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** answers to both sections **A** and **B** must be written in the 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 easily read may lead to **loss of marks**.
6. Do not fill anything in the table indicated:
"for examiner's use only" and boxes inside the question paper.

FOR EXAMINER'S USE ONLY

Qn. No	MARK	EXR'S NO.
1 – 10		
11– 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

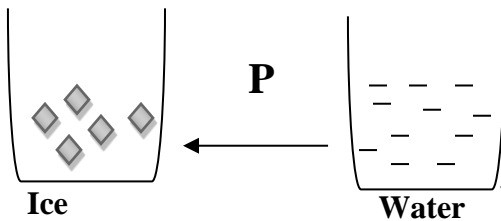
SECTION A

1. Give one way of reducing dust in the classroom.

2. How can a pupil keep his / her mouth free from harmful bacteria?

3. Name one external body organ in man.

4. Name the physical change marked with letter **P**.



5. Give one example of a food taboo.

6. Mention one condition needed by fertile eggs to hatch.

7. State one economic use of plants.

8. Give one condition that makes farmers to carryout culling in animals.

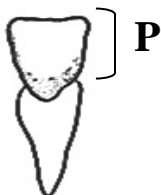
9. State one factor considered when choosing a site for a house.

10. Give one way of reducing the use of wood fuel in rural areas.

11. Which body sense organ helps man to identify colour?

12. Give one way of caring for people with special needs.

13. Name one mineral that keeps part **P** strong.



14. Name one activity done to promote family hygiene.

15. Given the plants below,

maize, ferns, mosses

How does maize differ from the rest of the plants above?

16. Why is it not necessary to smoke a VIP latrine?

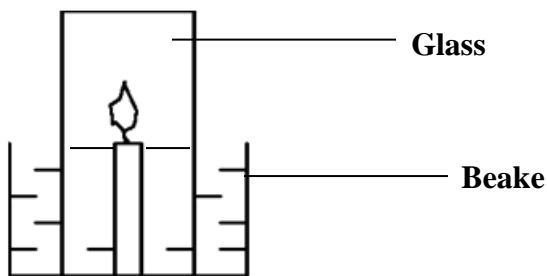
17. Name one problem faced by crop growers in Uganda today.

18. Why do some families fail to feed on a balanced diet?

19. How is a stem tuber useful to an Irish potato?

20. Give one way of controlling poultry diseases.

Use the diagram below to answer questions 21 and 22.



21. Name the part of air that supports the candle to burn.

22. Why does the candle go off when covered with a glass for 10 minutes?

23. Give one example of drug abused by drinking.

24. Name one product got from woodlots.

25. How are sperm cells similar to pollen grains?

26. Give one way people get non communicable disease.

27. Name one material used to produce biogas.

28. Mention one way man has caused environmental degradation.

29. State one way of storing music.

30. Why do mothers wash hands before making ORS?

31. Name one requirement of a pregnant mother.

32. Name the method of heat transfer shown below.



33. How is water useful to plants?

34. State one disadvantage of zero grazing in cattle.

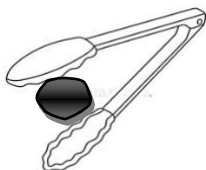
35. Mention one way the community may be sensitized about health issues.

36. Name one part of a house that allows in light and fresh air.

37. Mention one cause of school dropouts in a community.

38. Name one activity that can be done by a young farmers' club in a school.

39. Use letter K on the diagram below to show the position of the pivot.



40. Give one way of caring for female adolescents during menstruation.

Section B:

41. Complete the table below correctly by filling in the missing information about blood circulation.

Blood vessel	Type of blood carried	Body part from which it gets blood
Venacava	-----	All body parts
-----	oxygenated blood	Heart
Pulmonary vein	-----	Lungs
Artery	Deoxygenated blood	-----

42. Two objects P \rightarrow 3g/cc and Q \rightarrow 0.2g/cm³ were put in a container full of water.

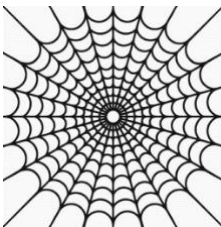
a) How did they behave when put in water?

P: _____ **Q:** _____

b) Compare the density of water and the density of object **P**.

c) Give one example of an object that behaves like **Q**.

43. Use the animal habitat below and answer questions that follow.



a) Name the animal habitat drawn.

b) Name the animal whose habitat has been drawn.

c) Why is the above animal named in (b) called an arthropod?

d) How do such animals help in the control of malaria?

44. a) Apart from amoeba and plasmodia, mention any one example of protozoa.

b) Identify any two examples of algae.

i) _____

ii) _____

c) Identify any one example of spore producing plants.

45.Match correctly.

A

- a) Natural shadow
- b) Static electricity in nature
- c) Natural magnet
- d) Natural spectrum

B

- rainbow
- eclipse
- lightning
- lodestone

- a) Natural shadow _____
- b) Static electricity in nature _____
- c) Natural magnet _____
- d) Natural spectrum _____

46.The table below shows the findings of a COVID-19 task force in certain schools in Wakiso. Use it to answer questions that follow.

Schools	Use of masks	Hand washing facility	Social distancing	COVID-19 messages
P	✓	✓	✗	✓
Q	✓	✗	✗	✗

R	✓	✓	×	✓
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Key: ✓ Items Present × Items Absent

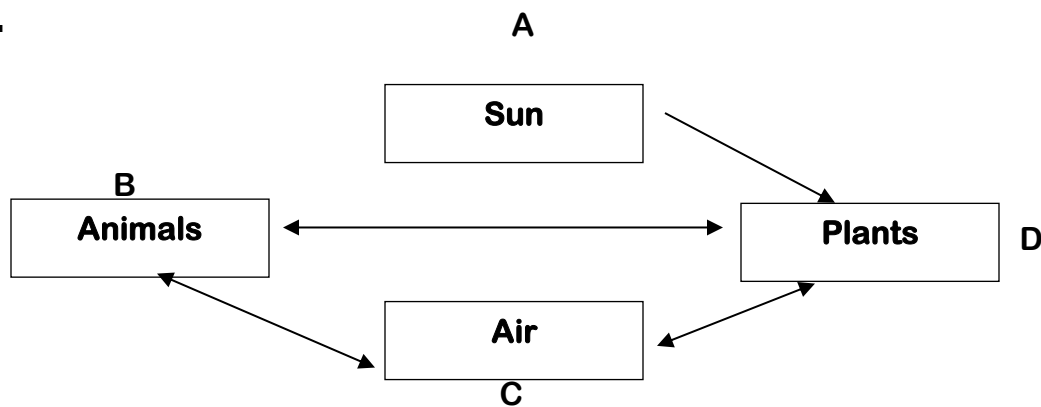
a) Which school lacked most of the items checked?

b) Which health aspect was lacking in all schools checked?

c) How are COVID-19 messages useful in the control of the disease?

d) Name one item used during hand washing at school.

47. Use the illustration below about resources to answer questions that follow.



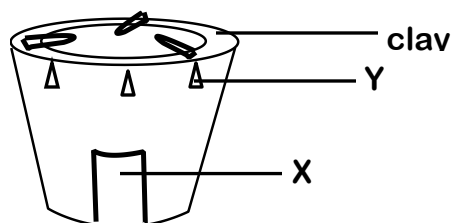
a) How does **D** benefit from **B**?

b) Give one danger of **A** to **D**?

c) Which process in **D** is supported by **A**?

d) How is **B** replaced naturally?

48. The diagram below show an energy saving stove, use it to answer the questions that follow.



a) Give the importance of the hole marked **X**.

b) Name the fuel used in the above stove.

c) How does the above stove help to reduce deforestation?

d) Mention one danger associated with using such stoves.

49. Use the table below to answer questions that follow.

P	Q	R	S
Ostrich	Newt	Bee	Gorilla
Dove	Frog	Scorpion	Man
Parrot	Toad	Crab	Bush baby

a) How are organisms in group **R** different from the rest of the organisms in the table? _____

b) Give one way organisms in group **P** care for their young ones.

c) Which of the above groups undergo external fertilization?

d) How are organisms in **S** different from those in **P** in terms of reproduction?

50.a) Name the term used to describe the reflected sound.

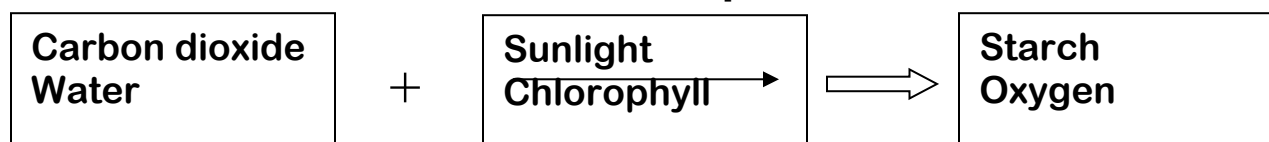
b) State any two disadvantages of the term named in (a) above.

i) _____

ii) _____

c) How is the pinna adapted to its function of collection of sound wave?

51. Use the illustration below to answer questions that follow.



C

B

A

a) Name the process illustrated above.

b) Which letter shows:

i. The raw materials of the above process.

ii. The conditions that are needed for the process above.

c) How does the above process benefit the plant?

52. a) How is the sun useful as an energy resource?

b) Mention one advantage of using the sun as an energy resource.

c) Why are solar panels painted black?

d) Give one danger of the sun to the environment.

53. a) Apart from HEP B vaccine, give any one other vaccine given at 6 weeks.

b) Apart from free immunization, give one other health service provided by the government to the people.

c) How does the government get to know the health status of people in a country?

d) Name one place in a community where immunization is carried out.

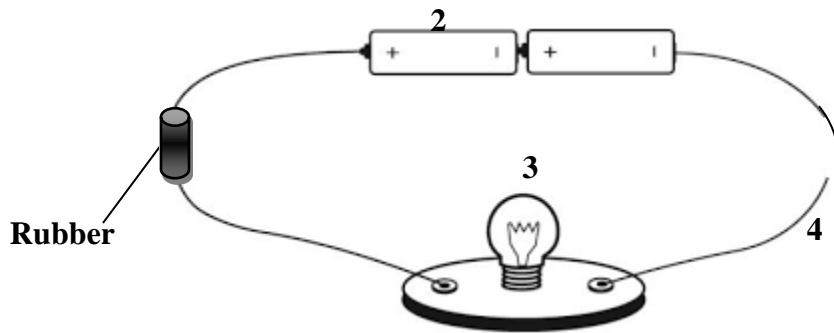
54. a) Name two steps involved in washing clothes.

i) _____ ii) _____

b) How can a mother make muddy water clean for washing clothes?

c) Mention one activity done to kill parasites in clothes.

55. The diagram below shows a simple circuit. Use it to answer questions that follow.



a) Name the part of the circuit marked **4**.

b) Which energy is stored in part **2**?

c) Why won't part **3** produce light when part 4 is closed?

d) How is electricity useful at school?

End