



BUNDIBUGYO DISTRICT ACADEMIC BOARD
PRIMARY LEAVING EXAMINATION MOCK 2024
INTERGRATED SCIENCE

Time allowed: 3hrs. 15 minutes

Index No:

Random No.						Personal No.		

Candidate's name:

Candidate's signature:

School Name:

Sub-county:

Read the following instructions carefully:

1. The paper has two sections A and B.
Section A has 40 questions (40 marks) and section B has 15 questions (60marks).
2. Answer all questions. Answers to both sections A and B must be written in spaces provided.
3. All answers must be written using a blue or black ball point pen or ink. Any work written in pencil will not be marked.
4. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks. Do not fill anything in the table indicated "for examiners use only" and boxes inside the paper.

For Examiners' Use Only		
Qn. No	Marks	Exr's name
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

The diagram below shows a living component of the environment. Use it to answer questions 17 and 18.



17. How does the above component of the environment clean the environment?
18. Apart from the above, mention any other living component of the environment.
19. Name the element of weather used by our skins to manufacture Vitamin D.
20. Apart from allowing in fresh air, give another use of windows in a living house.
21. Mention any one factor one should consider before choosing a site for a school garden.
22. Why is carbondioxide recommended for putting out fire?
23. State any one difference between mass and weight.
24. Write down any one way of increasing the amount of blood in the body.
25. Why is the filament of the electric bulb coiled?
26. In which one way are most fungi dangerous to human beings.
27. State one way how plants benefit from animals in the environment.
28. Name the method used in supporting banana plants with heavy bunches to keep up right.
29. How can a farmer control tick borne diseases among his cattle?
30. Give one way how Christians in a Church prevent themselves against the dangers lightning.

SECTION A:

1. State one way of caring for our mouth.
2. How are horns in goats similar to spurs in chicken?
3. Which class of food is first digested in the stomach?
4. Why are we not advised to breathe through the mouth?
5. Mention one reason why crop farmers weed their gardens.
6. State one characteristic of dicotyledonous seeds.
7. State any one way of caring for vulnerable people in our environment.
8. Why is sand soil unable to retain water for a long time?

The diagram below is of a simple machine. Use it to answer questions 9 & 10.



9. To which groups of simple machines does the above tool belong?
10. How is the above machine useful to a mother in a home?
11. Give any one danger of weaver birds in the environment.
12. Besides clean water, write any other substance used in washing clothes.
13. How is a queen excluder important in a modern bee hive?
14. State the function of a switch in an electric circuit.
15. Why is water said to be a renewable resource in the environment?
6. How can a P.7 pupil promote immunization in the community?

31. Why is a hedgehog said to be a nocturnal animal?
-
32. Name one local material that can be used to make ropes at home.
-
33. What type of food should a farmer give to his table birds?
-

The diagram below shows one of the items found in a first aid box. Use it to answer questions 34 and 35.



34. Name the item drawn above.
-
35. State the function of the above item found in first aid box.
-
36. Why is oxygen not used in the preservation of soft drinks like soda?
-
37. Give a reason why the control of HIV/AIDS is easier than that of Malaria to an individual.
-
38. Name the non-diarrhea disease transmitted by house flies.
-
39. Which body organ regulates the amount of water in blood?
-
40. Write down any one factor that may lead to teenage pregnancy among school girls.
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SECTION B (60 Marks)

41. Some diseases can be treated without using drugs.

a) Give two examples of such diseases.

- i. _____
- ii. _____

b) How can you treat such diseases?

- c) State one reason why it is not advisable for two patients to share drugs prescribed for one patient.

42. Match the items in list A with those in list B correctly.

A

Production records

Feeding records

Breeding records

Health records

B

Birth or death rate

Treatment given

Farm yields

Foods bought and eaten

- i. Production records: _____
- ii. Feeding records: _____
- iii. Breeding records: _____
- iv. Health records: _____

43. The diagram below is of a human tooth. Use it to answer questions that follow.



- a) Identify the type of teeth represented by the above diagram.

- b) Outline any two disorders of the above tooth.

i. _____

ii. _____

- c) State one way of caring for human teeth.



44. (a) Why is it dangerous to make a victim who has swallowed paraffin to vomit?

(b) What first aid would you give to that victim who has taken paraffin?

(c.) Outline two reasons for administering first aid to a victim.

i. _____

ii. _____

45. (a) Write down two natural sources of light in the environment.

i. _____

ii. _____

(b) How is light important to plants?

(c.) Mention any one object that does not allow light to pass through it.

46. (a) Apart from bees, mention any other two insects that help in transferring pollen.

i. _____

ii. _____

(b) Mention any two nectar sucking birds.

i. _____

ii. _____

47. (a) Name the weather instrument used to measure amount of rainfall.

(b) In which units is rainfall measured?

(c.) State one reason why the instrument mentioned in 47(a) should be placed at least 30cm above the ground.

(d) Give one way in which rain is dangerous to the environment.

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



a) Identify one form of energy produced at part M.

b) Name the gas that supports burning at part M.

c) State the factor that may affect the proper working of the above candle.

d) Which insect is used in the making of the above candle.

49. Use the list of organisms below carefully and answer questions that follow

Butterfly,	Snail,	Tick,	Cow
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a) Which living organisms can be grouped together?

b) Give a reason for your answer in 49(a) above.

c) How is a cow different from all other living organisms in the table?

d) What type of skeleton does a snail have?

50. (a) Name the type of movable joint found at the following areas of a human body.

i. Elbow _____

ii. Shoulder _____

(b) State one importance of joints in the body.

(c.) How is a tendon useful in a human body?

51. (a) Mention any two body organs destroyed by smoking.

i. _____

ii. _____

(b) Identify any two diseases worsened by smoking.

i. _____

ii. _____

52. Ngabirano poured water and oil in the container below. The two liquids settled as shown in the diagram.



a) Name the liquid marked N.

(i) _____ (ii) _____

b) Why did the two liquids settle as shown above?

c) Why is it not advisable to put out petrol fire using water?

d) What name is given to water in gaseous state?

53. (a) What is food insecurity?

(b) State any two causes of food insecurity.

i.

ii.

(c.) Identify any one importance of food security.

54. (a) Name the eye disease whose signs are: redness of eyes, excess tears and swollen eyelids.

(b) How is the above mentioned disease transmitted from one person to another?

(c.) State any two ways of preventing the disease mentioned in "a" above.

i.

ii.

55. Complete the table below correctly.

Body Organ	Disease
Skin	(i) _____
(ii) _____	Lung Cancer
Heart	(iii) _____
(iv) _____	Trachoma

END