

# GREENHILL PRIMARY SCHOOL BUWAATE

## PRE- MIDTERM III EXAMINATION 2023

**CLASS : P . 5**  
**SUBJECT : INTERGRATED SCIENCE**  
**DURATION : 2 hours 15 minutes.**

For Examiner's use only	
A	
B	
TOTAL	

Name: \_\_\_\_\_ Stream: \_\_\_\_\_

Campus: \_\_\_\_\_

### SECTION A.

1. Name any **one** state of matter.  
\_\_\_\_\_
2. State the common disease that attacks the immune system.  
\_\_\_\_\_
3. Give **one** advantage of using natural fertilizers.  
\_\_\_\_\_
4. How is germination similar to burning?  
\_\_\_\_\_
5. Why is battery system not commonly used by farmers in Uganda?  
\_\_\_\_\_
6. Identify the type of fracture where the broken bone comes out of the flesh.  
\_\_\_\_\_
7. What is the importance of washing utensils before putting food on them?  
\_\_\_\_\_
8. How is polio vaccine different from BCG vaccine in the way they are given?  
\_\_\_\_\_  
\_\_\_\_\_
9. Write any **one** way plants with weak stems climb others.  
\_\_\_\_\_

**The diagram below shows a domestic animal. Use it to answer questions 10 and 11.**



10. Name the habitat of the above animal.  
\_\_\_\_\_
11. State any **one** way a farmer can protect the animal above from diseases?  
\_\_\_\_\_
12. Which part of a bean plant develops into the shoot system?  
\_\_\_\_\_
13. Write **one** danger of having intestinal worms to a person.  
\_\_\_\_\_
14. Why do people water their crops in the dry season?  
\_\_\_\_\_
15. What is the function of the anemometer at a weather station?  
\_\_\_\_\_
16. Give **one** way of reducing harmful bacteria in our homes.  
\_\_\_\_\_
17. Name **one** substance that can dissolve in liquids.  
\_\_\_\_\_
18. How is a wheel barrow important on a farm?  
\_\_\_\_\_
19. State **one** danger caused by severe diarrhoea.

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**The diagram below shows a bee hive. Use it to answer question 20.**



20. Name any **one** local material used to make the hive above.

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21. Give **one** way of controlling insect pests in the garden.

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22. What is temperature?

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23. Which body sense enables a child to know that there is no salt in soup?

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24. Why is oxygen not used in fire extinguishers?

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25. How is an aquarium important at school?

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26. State any **one** biological change in plants.

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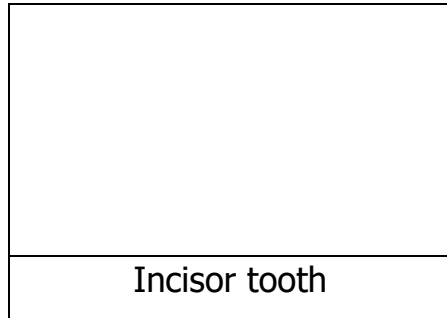
27. Name the activity that goat farmers carry out using a burdizzo.

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28. How does a mushroom reproduce?

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29. Draw a diagram of the type of tooth named below.



30. State the importance of ventilators on a house.

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31. Why are mothers advised to breastfeed their babies very well?

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32. How are irish potatoes propagated?

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33. Identify any **one** part of the pistil.

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**The diagram below shows a way of controlling diseases at home. Use it to answer questions 34 and 35.**



34. Identify the way of controlling the spread of diseases shown in the diagram above.

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35. Name the disease that is controlled using the way you have named above.

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36. Why are school children encouraged to abstain from sex?

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37. Give **one** local method of preserving food.

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38. How are projects like poultry keeping important at school?

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39. Identify the living things that take part in the water cycle.

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40. State **one** importance of giving first aid to casualties.

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### **SECTION B**

41. (a) Where does digestion of food begin in the alimentary canal?

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(b) Name **one** enzyme produced in the stomach.

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(c) Which part of the alimentary canal has villi?

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(d) Give **one** way of keeping your digestive system in good working condition.

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42. (a) Name the type of soil with the biggest particles.

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(b) State any **one** organism that takes part in soil formation.

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(c) Write **two** human activities that may lower the fertility of soil.

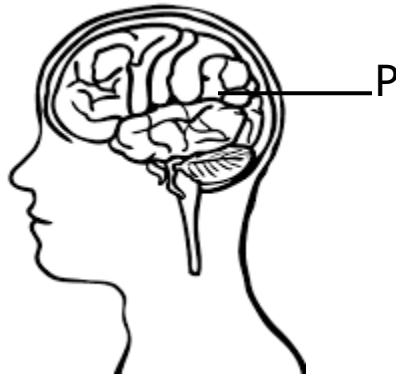
(i) \_\_\_\_\_

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

43. (a) Name the animals that build these habitats.

- (i) Mound \_\_\_\_\_
- (ii) Nest \_\_\_\_\_
- (b) Identify any **one** material used by the animal above to make nests.
- \_\_\_\_\_
- (c) Why do animals need habitats?
- \_\_\_\_\_
44. (a) Give any **two** uses of electricity at home
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (b) How can people protect themselves from the dangers of electricity?
- \_\_\_\_\_
- (c) Give **one** way of saving electricity at home.
- \_\_\_\_\_

**The diagram below shows a body organ. Use it to answer question 45.**



45. (a) Identify the internal organ labeled **P** above.
- \_\_\_\_\_
- (b) Give any **two** functions of the body organ shown above.
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (c) State **one** habit that can damage the body organ shown.
- \_\_\_\_\_
46. (a) Name any **two** of the three main parts of an insect.
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(b) What do we call the larva stage of a butterfly?

\_\_\_\_\_

(c) How is the larva stage of a butterfly dangerous to people?

\_\_\_\_\_

47. (a) Identify the physical change that takes place when;

(i) Water turns to ice \_\_\_\_\_

(ii) Water vapour turns to liquid water \_\_\_\_\_

(b) Which form of energy is needed to change water to water vapour?

\_\_\_\_\_

(c) Write **one** characteristic of physical changes.

\_\_\_\_\_

48. a) Name **one** thing that attracts insects to pollinate flowers.

\_\_\_\_\_

b) Which part of a flower produces pollen grains?

\_\_\_\_\_

c) Identify **one** plant that undergoes cross pollination only.

\_\_\_\_\_

d) Where does fertilization take place in a flower?

\_\_\_\_\_

49. **The diagram below shows a method of grazing goats. Use it to answer questions that follow.**



(a) Name the method of grazing shown in the diagram above.

\_\_\_\_\_

(b) Give **two** advantages of the above method of grazing.

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

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

- (c) Identify **one** disadvantage of the above method of grazing goats shown above.

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50. (a) Apart from filtration, give **two** other methods of separating mixtures.

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- (b) Identify **one** local material used to filter water at home.

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- (c) How do people make filtered water safe for drinking?

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51. (a) What is a balanced diet?

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- (b) Give the importance of eating a balanced diet.

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- (c) Write any **two** signs of poor feeding among children.

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

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

52. (a) Name **one** example of a common weed.

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- (b) How are weeds dangerous in the garden?

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- (c) Give **two** ways of weeding in the garden.

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

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

- 53. Match the diseases to the correct site where their vaccines are administered.**

**Disease**

Tuberculosis

Measles

Tetanus

Polio

Tuberculosis\_\_\_\_\_

**Immunisation site**

left upper thigh

mouth

right upper arm

left upper arm

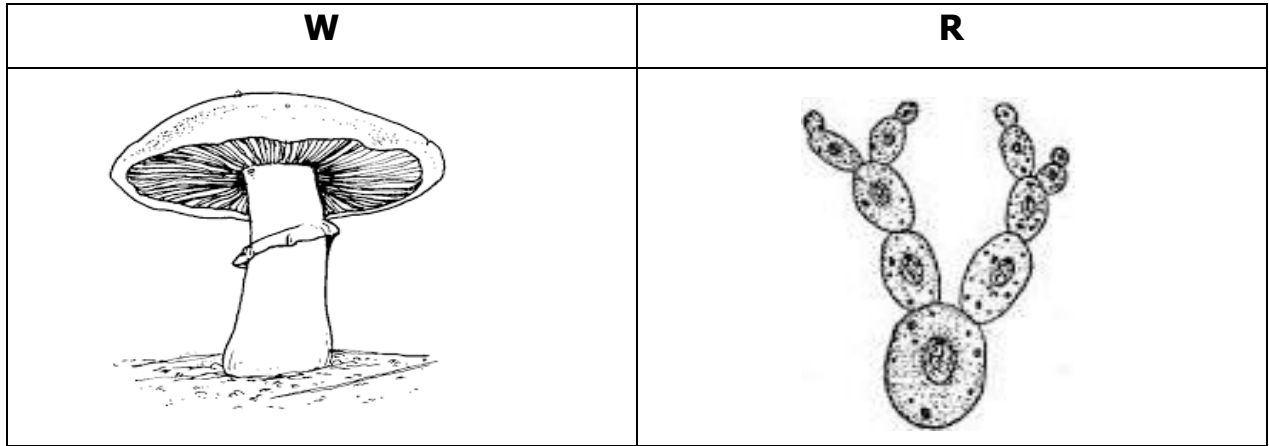


Measles\_\_\_\_\_

Tetanus\_\_\_\_\_

Polio\_\_\_\_\_

54. **The diagrams below show common fungi.**



(a) Identify the fungus shown in **W** above.

\_\_\_\_\_

(b) How does the fungus in **R** reproduce?

\_\_\_\_\_

(c) How are the above fungi useful to people?

(i) Fungus **W** \_\_\_\_\_

(ii) Fungus **R** \_\_\_\_\_

55. (a) Give **one** importance of each of the following processes to plants.

(i) Transpiration\_\_\_\_\_

(ii) Photosynthesis\_\_\_\_\_

(b) Write **one** material plants use during photosynthesis.

\_\_\_\_\_

(d) How do plants reduce transpiration during the dry season?

\_\_\_\_\_

\*\*\*\*\* **END** \*\*\*\*\*