



HILLSIDE PRIMARY SCHOOL-NAALYA

BASIC SCIENCE AND HEALTH EDUCATION

P. 6 EXTRA HOLIDAY PACKAGE (SET TWO)

TERM ONE 2020

SECTION A:

1. Name any one mineral salt lost during diarrhoea.

2. Identify the blood cells attacked by the plasmodium germ.

3. How does crop rotation control pests?

4. Suggest any one activity a community can do to control degradation of the environment.

5. Identify any one example of a molluscs.

6. Name the digestive juice found in the mouth?

7. In which way is drug misuse a danger to our health?

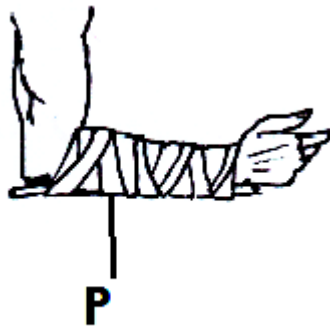
8. Mention one effect of heat on liquids.

The diagram below shows an experiment carried out by a P.4 class.



9. Which process in plants was the experiment about?
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10. How is the above process important in the environment?
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The diagram below First Aid carried out on a casualty. Use it to answer the questions that follow.



11. What type of injury is being treated in the diagram?
-
12. How is structure marked P important in giving the First Aid?
-
13. A brick was lowered into water and it displaced 24cc of the water. If its density is 2g/cc, calculate its mass.
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14. Why is water kept under freezing conditions not regarded as safe for drinking?

15. Suggest any one way wind can be useful in the environment.

16. How does a paw-paw plant control self-pollination?

17. Give any one way you can help your friend who is a smoker to stop smoking.

18. Why does a cockroach die when it moves over maize flour?

19. You have been elected the prefect in charge of sanitation in your school. Suggest one activity you would lead other pupils to do to improve hygiene in the school.

20. How is sunshine important to a plant during photosynthesis?

21. What type of change takes place when a seed germinates and develops into a seedling?

The diagram below shows one of the animals found in the environment. Use it to answer questions 22 – 23.

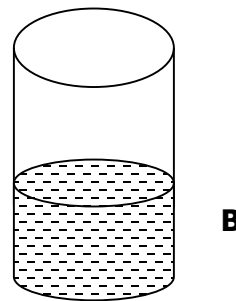
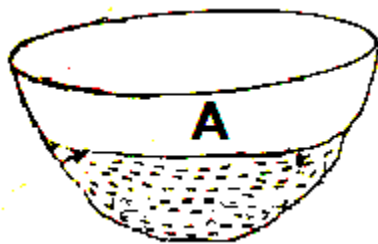


22. What group of mammals does the above organism belong to?

23. How does the animal above avoid obstacles while it is flying at night?

24. Mention one way medical drugs are misused in the community.
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25. State one way wading birds are adapted to living swamps.
-
26. Why is it dangerous to use burning as a method of clearing the land for farming?
-
27. How is yeast important in making alcohol?
-
28. Give one reason why it is important to mulch gardens.
-
29. How can weather affect a village food path?
-
30. How can man use the process of condensation to solve his day-to-day problems?
-

31. Same amount of hot water was poured into two different containers as shown below.



In which container did water cool faster?

-
32. Give a reason to support your answer in (31) above.
-
33. How can the energy from the sun be used to reduce deforestation?
-
34. Air is a mixture of gases. Name the part of air necessary for germination.
-

35. Why is it important to ensure proper ventilation while constructing a house?

36. Suggest any one way you can prevent hookworm infection.

37. How are reptile similar to birds?

38. Why should a burnt region of the body be placed in cold safe water?

39. Mention one way of increasing volume of sound produced by a drum.

40. **In the space provided below, draw a bulb and show adventitious roots.**

Section B

- 41(a) Give one example of a flightless bird.

- (b) State characteristics that enable birds to fly.
(i) _____
(ii) _____
- (c) How are scavenging birds important to the environment?

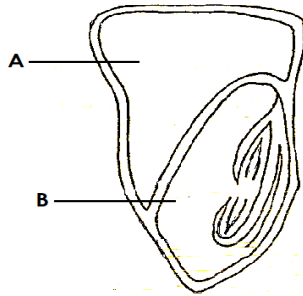
- 42(a) What is dehydration?

- (b) Give any one cause of dehydration.

- (c) Identify any one sign of dehydration in babies.

- (d) Why is sugar used in preparing ORS?

43. The diagram below shows a maize grain.



(a) Name part marked A.

(b) How is part A and B important during germination?

A _____

B _____

(c) Identify any one factor that can make the above grain germinate effectively.

44(a) What are invertebrates?

(b) Mention the type of skeleton found in invertebrates.

(c) Identify one accident which commonly affects the skeleton in man.

(d) How are ligaments important in the skeletal system?

45(a) Write PHC in full.

(b) Give any one reason why one should keep fingernails short.

(c) Name the element of PHC that can be used to check on human population in Uganda.

(d) Identify any one group of people with special needs.

46. The diagram below shows three bottles containing water at different levels.



(a) Which bottle will produce the highest pitch of sound?

(b) Give a reason to support your answer.

(c) What would happen to the pitch of sound produced by bottle B if water is replaced with cooking oil?

(d) Suggest anything a person should do to make bottle A and C produce the same pitch of sound.

47(a) What is a rabbitary?

(b) How can a farmer improve meat production in rabbits?

(c) Identify any one example of a breed of rabbits kept at home.

(d) mention any one disease that affects both rabbits and poultry.

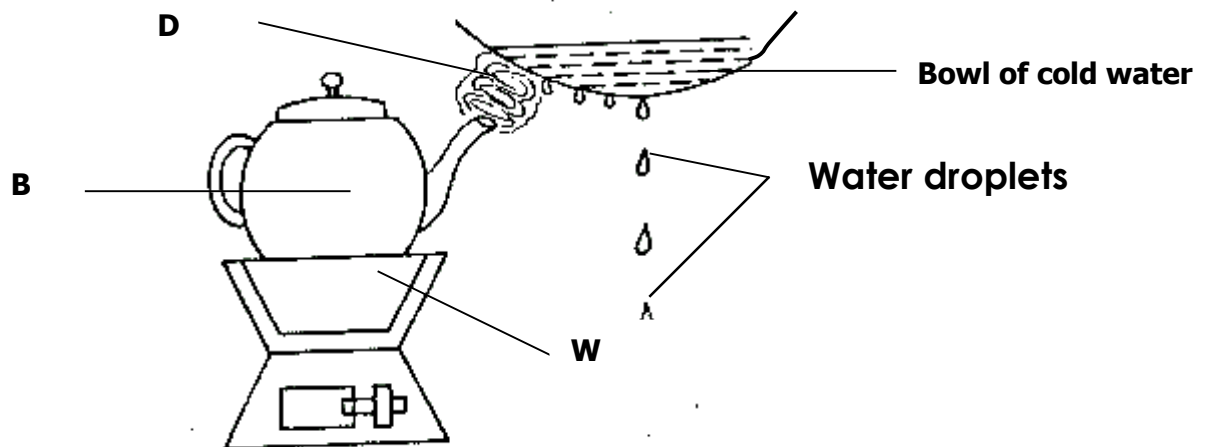
48(a) Who is a casualty?

(b) Identify any one source of near-drowning at home.

- (c) Mention the First Aid that can be administered to a casualty affected by near drowning.
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- (d) Why is first aid usually given to accident victims?
-

49. **The diagram below shows an experiment, which was carried out in a science lesson.**



- (a) What process in nature is illustrated in the experiment?
-
- (b) Mention what would happen to the steam if hot water was placed in the bowl.
-
- (c) What does part marked **W** represent in nature?
-
- (d) How does the process taking place at **D** important in the environment?
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- 50(a) Give any one reason why people smoke.
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- (b) Name any one poisonous chemical found in tobacco smoke.
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- (c) Suggest any one good health habit that can help a person to avoid smoking.
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- (d) Identify any one harmful effect of smoking to a pregnant mother.

51 (a) What is soil erosion?

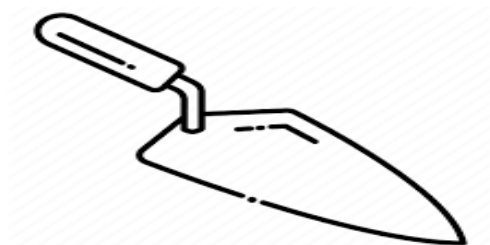
- (b) Suggest any one way you can control soil erosion in a school compound.

- (c) Identify any two causes of soil erosion.

(i)

(ii)

52. **The diagram below shows a garden tool.**



- (a) Name the garden tool shown.

- (b) How is the above tool important?

- (c) Identify any two ways a farmer can maintain his tools in good order.

i) _____

ii) _____

53(a) Identify any one condition necessary for rusting.

- (b) Suggest any one way you can control rusting in metals.

- (c) How is rusting important to farmers?

(d) How is rusting similar to burning?

54(a) Give one importance of crossbreeding goats.

(b) Mention one way of preserving milk.

(c) Mention two examples of goats kept for milk production.

(i) _____

(ii) _____

55(a) Why should holes of a pit latrine be covered when not in use?

(b) State any one value of building pit latrines 30 metres away from the water source.

(c) List down any two ways of keeping pit latrines clean.

(i) _____

(ii) _____