

FOUNDATION JUNIOR SCHOOL MUKONO

WE LEAD OTHERS FOLLOW

Email: foundationjuniorschool@gmail.com

PRIMARY SEVEN 2022

END OF TERM 1

INTEGRATED SCIENCE PAPER

Time : 2hrs 15minutes

Candidates' name :..... Index No.....

SECTION A

1. Name any one wedge used in the kitchen.

.....

2. Why is it important for people to wear clothes?

.....

3. Identify the gas used in fire extinguishers.

.....

The diagram below shows two magnets, study them and answer the questions which follow.

N S

4. Which property of magnets is shown above?

.....

5. Why are some birds able to fly?

.....

6. What role do trees play in the replacement of water in the environment?

.....

7. How best can a P.7 candidate avoid contracting HIV/AIDS?

.....

8. Give any one garden activity done during a wet season.

.....
.....

9. Give any one way in which wind can be used as any energy resource.

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.....

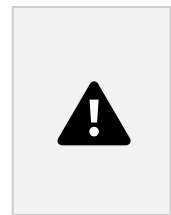
10. How do trees control soil erosion?

.....
.....

11. Write down any one advantage of mulching our gardens.

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.....

The diagram below shows part of a flower.



12. Name the above part of a flower.

.....
.....

13. What type of skeleton does a dog have?

.....
.....

14. Find the density of a substance with mass 10gm and volume of 20cc.

15. How do rats benefit from plants?

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.....

16. Apart from amphibians, name any other class of vertebrates with similar body temperatures.

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.....
The diagram below shows a tool found in a first aid box.



17. Give the use of the above tool to people.

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.....

18. How is the movement of joint at the hip different from the movement of joint at the knee?

.....
.....
...

19. Why are babies advised to eat a lot of foods rich in proteins than adults?

.....
.....

20. Give one danger of having long finger nails.

.....
.....

21. Mention one way of controlling crop diseases without using chemicals.

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.....

22. How are sperms in human beings similar to pollen grains in a flower of a plant?

.....

2

23. Identify any one condition of vulnerable people in the family.

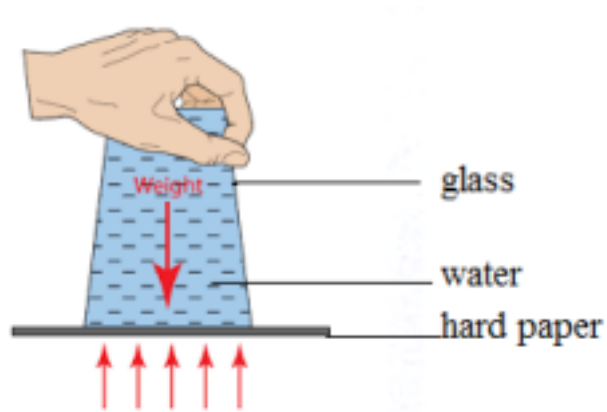
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.....

24. Why is the burning of paper into ash grouped under chemical change?

.....
.....

25. What property of air does the diagram below show?

.....



26. Write down any one principal of PHC.

27. Suggest any one similarity between a slug and a snail.

28. Why does the body of a human being become cold shortly after dying?

29. Why is light Sussex regarded as a broiler?

30. In which way are bacteria useful to people?

31. How can food be prevented from contamination?

32. What is the first aid for a child with a burn on the leg?

33. State one way healthy worker can treat dehydrated sick child in a hospital?

34. Which special instrument do nurses use to measure temperature of people?

35. In the space below, draw a compound pinnate leaf.

36. State one way retina in the eye is similar to the screen in a camera.

.....

37. How does paddock system of cattle grazing control tick borne diseases?

.....

38. Why do animals move from place to another?

.....

39. Mention one synthetic fibre.

.....

40. Name the darkest part of a shadow.

.....

SECTION B

41. What are name is given to insects which do not live in a community?

.....

b. Give one way insects are useful and harmful in crop growing.

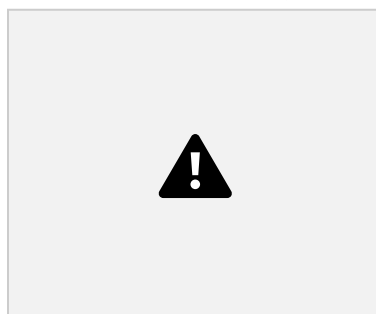
i. Harmful

.....
 ii. Useful

c. Give one way man can control the dangers of insects in crop growing.

.....

42. Below is a diagram of an arrangement of pulley system.



a. Indicate with arrows the direction of the direction of force.

b. Name the type of pulley system at Q

.....
.....
c. How much force is required to lift the load if only pulley R was used?

d. How does the pulley above ease the work when using it?
.....
.....

43. Why are rocks regarded as a resource?
.....
.....

4

b. Mention one example of a renewable resource in the environment.
.....
.....

c. How is the sun as an energy resource useful?
.....
.....

d. How can we sustain nonrenewable resources in the environment?
.....
.....

44. a) Give one method of soil formation.
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.....

b. Mention two components of soil.

i.
.....

ii.
.....
.....

c. How can we keep soil fertile?
.....
.....

45. What do we call the anti-social acts that are committed by a child?
.....
.....

b. Identify one example of the acts mentioned in a) above.

.....
.....

c. Give any one cause of antisocial acts in the community.

.....
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d. State one way anti-social behaviors be controlled in the society?

.....
.....

46. Name any two basic structures in a clean home.

i.

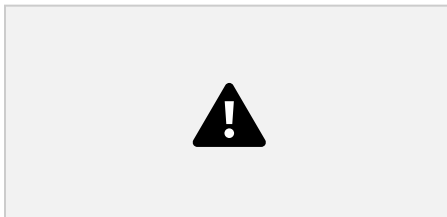
ii.

b. What dangers people sharing the same house with the animals having?

i.

ii.

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



a. Identify the animal shown above.

.....
.....

b. To which group of animals does it belong?

.....
.....

c. How does the above animal itself?

.....
.....

d. What is the use of part marked "P" to the animal above?

.....
.....

48. Name any two activities done before washing clothes.

i.
.....

.....
ii.

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b. Why do we use soap while washing clothes?

.....
c. Give any one disease which can break out due to wearing dirty clothes.

.....
49. What is the main source of wood fuel?

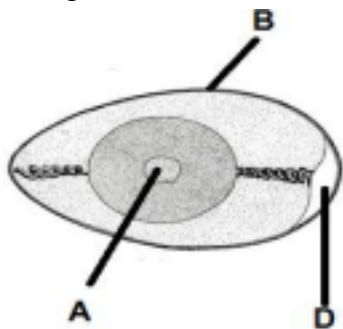
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b. apart from wood fuel, state one other example of fuel.

.....
c. What substance is produced when wood is burnt under?

i. Limited supply of oxygen?

.....
ii. Free air supply?

.....
50. The diagram below shows an egg of a hen.



a. Name the parts labeled A and D.

A.....

D.....

.....
b. Apart from protection, what other role does part "B" play to the egg?

.....
.....

c. Which part develops into an embryo after fertilization?

.....
.....

51. Identify any two signs of pregnancy in women.

i.

.....
.....

ii.

.....
.....

6

b. Mention any two requirements of a pregnant mother.

i.

.....
.....

ii.

.....
.....

52. The diagram below shows a well arranged circuit. Use it to answer the questions that follow.



b. What is the use of the dry cells in a circuit?

.....
.....

c. Which two other components would you add to make the simple electric circuit function well?

.....
.....
.....

c. why would the circuit A produce light while circuit B fail?

.....

.....

53. What term describes birds that feed on rotting flesh in the community?

.....
.....

b. Identify any one of the following scavengers.

i. Birds:.....

ii. Animals:.....

c. In only one word give the group of animals that are killed and eaten by other animals.

.....

54. Name any one material put in a bio digester when making methane gas.

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.....

b. Mention two uses of methane gas.

i.

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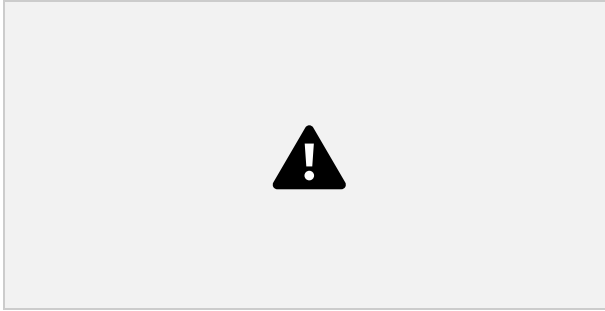
ii.

.....
.....

c. in what way are residues used after making bio gas?

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.....

55. The diagram below shows a ray of light being reflected by a plane mirror.
Use it to answer questions that follow.



a. S and Q are light rays. If S is the ray of light striking the surface, complete the above diagram.

b. Calculate the angle of reflection if the angle of incidence is 25°

.....

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c. Mention any one characteristic of the image formed by plane mirror.

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d. Give any law of reflection

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