

SCIENCE PLE 2010

CANDIDATE'S INFORMATION

Index number :

--	--	--	--	--	--	--	--	--

Name :

Signature :

School name :

District name :

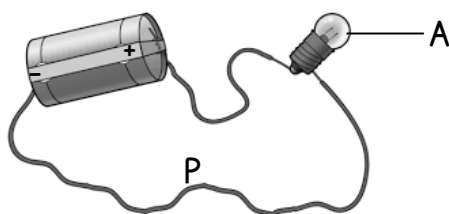
SECTION A: 40 MARKS

1. Name the sense of organ for hearing.

2. Give one item used for cleaning hands after visiting a latrine or toilet.

3. State one way in which rain may be a disadvantage to a crop farmer

The diagram below is of simple circuit. Use it to answer question 4 and 5.



4. Draw an arrow on line P to show the direction of the flow of electricity.

5. Apart from light, which other form of energy is produced at A?

6. What is the importance of dipping cattle?

7. Write down one bad behavior which is a result of drug abuse.

8. Name one type of seed dispersal.

9. Sunbirds visit flowers to get nectar. How do plants benefit from these birds?

10. Give one way in which the cause of a scald is similar to that of a burn.

11. Name the best soil for making pots.

12. Write down one block in a food path.

13. Give one way in which health education is important in controlling overpopulation.

14. How can farmer make use of cow dung produced by his animals?

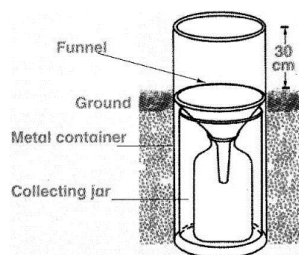
15. State one way in which hens are important in prevention of deficiency diseases in man.

16. Arrange the following organism in the correct order of a food chain.

Caterpillar → Dog → Leaves → Bird

17. Why is a person with hookworms likely to suffer from anemia?

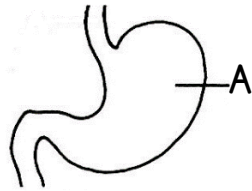
18. The diagram below is of weather instrument. Study it and answer question 18.



What is the use of the instrument in a weather station?

19. Give a reason for keeping *Ebola* victims away from other people.

The diagram below shows part of the human digestive system. Use it to answer question 20.



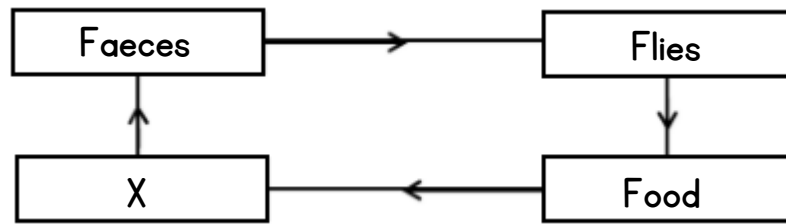
20. Name the class of food which is digested in the part marked A.
-
21. Write down one way in help in the control of cholera in a community.
-
22. Give one way in which the preservation of millet and fish differs.
-
23. State one way of controlling nagana in an area.
-
24. Give one example of a plant with prop roots.
-
25. Name the type of family where there are parents and their biological children only.
-
26. Write down one function of joints in human body.
-
27. You are a health prefect in your school. Give one activity you would do during a health parade.
-
28. How is wind useful to human beings?
-
29. Why is mercury used in a thermometer instead of water?
-
30. State one natural source of sound energy.
-
31. Write down the function of testes in a human reproductive system.
-

32. Give the difference between river blindness and night blindness.
-
-
33. How is thermos flask helpful in a home?
-
34. Apart from absorption of water and mineral salts, state one other use of roots to a cassava plant.
-
35. State one effect of heat on a metal.
-
36. How does mulching help to keep moisture in the soil?
-
37. What determine the size of the image in a pinhole camera?
-
38. Give one way in which energy from animals can be used.
-
39. Write down First Aid you would give to a person who has been bitten by a poisonous snake on the lower part of the leg.
-
40. Why does a coin sink when it is placed in a basin full of water?
-

SECTION B: 60 MARKS

41. a. Name one natural and artificial source of light.
- i. natural _____
- ii. artificial _____
- b. Why is the moon not regarded as source of light?
-
- c. Give one way in which reflection of light is important to man.
-

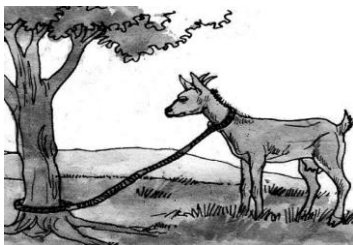
42. The diagram below shows how diseases can spread through the 4Fs. Use it to answer question 42.



- Give the word which should be in the box marked X.

- Name two activities which can be done to avoid the spread of diseases through food.
 - _____
 - _____
- What structure on the body of a fly makes it spread diseases?

43. The diagram below shows one of the methods of grazing goats in Uganda. Study it and use it to answer question 43.



- Name the method of grazing goats shown in the diagram.

- Give two advantages of using the method shown in the diagram.
 - _____
 - _____
- Write down one disadvantage of using this method.

44. Match the item in list A with their functions in list B.

List A	List B
Red blood cells	stop bleeding when the skins is cut.
Arteries	carry oxygen around the body .
Valves	carry blood away from the heart.
Platelets	prevent back flow of blood in veins.

- a. Red blood cells _____
- b. Arteries _____
- c. Valves _____
- d. Platelets _____

45. a. Give two benefits of planting trees in your school compound.

- i. _____
- ii. _____

b. What two things can you do to protect in your school compound?

- i. _____
- ii. _____

46. a. Name the type of cattle kept for milk production.

b. Give one example of exotic breeds of cattle which are the best for milk production.

c. Write down two activities a farmer should do in order to get clean milk from a cow.

- i. _____
- ii. _____

47. a. State one Primary Health Care activity children can do to help their mothers when cooking.

b. Write down three health care activities that can be provided to the elderly in our homes.

- i. _____
- ii. _____
- iii. _____

48. a. Name two scavengers in the environment.

- i. _____
- ii. _____

b. In which way are scavengers useful in the environment?

c. Give the difference between a predator and scavenger.

49. a. Which organ removes urine from the body?

b. To which body system does the organ that removes urine from the body belong?

c. Where does urine collect before it is removed from the body?

d. Name one substance found in urine.

50. a. Name two water resources in Uganda that provide us with proteins.

i. _____

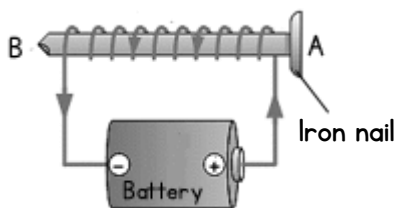
ii. _____

b. Give two water human practices that can lead to the destruction of such resources.

i. _____

ii. _____

51. The diagram below shows a method of making a magnet. Study it and use it to answer question 51.



a. Name the method of making a magnet shown in the diagram.

b. What pole will the part marked A become?

c. What would you do to the dry cells in order to increase the strength of the magnet?

d. Apart from the method shown in the diagram, name any other method of making a magnet.

52. a. Name the germ that causes HIV/AIDS.

b. Apart from having sex an infected person, write down two other ways in which one can get the germ that causes HIV/AIDS rural areas.

i. _____

ii. _____

c. ABC is a way of controlling the spread of the germ that causes HI/AIDS. What does A stand for?

53. a. Apart from killing people, give two other dangers of lightening.

i. _____

ii. _____

b. Write down two ways by which people can protect themselves from the dangers of lightening.

i. _____

ii. _____

54. In an experiment, salt is mixed with water and stirred until it dissolves to make a solution.

a. What do the following act as in the experiment?

- Salt _____

- Water _____

b. Name any other substance that could be used instead of salt.

c. How can salt be recovered from the solution?

55. a. Why are vaccines used in the prevention of certain diseases?

b. How is the measles vaccine given to a baby?

c. Apart from immunization, state two other ways in which a baby's immunity can be improved.

i. _____

ii. _____