

MOTHERCARE PREPARATORY SCHOOLS

ASSESSMENT WORK TERM II 2020 SET 1

PRIMARY SIX INTEGRATED SCIENCE

Name: _____ Stream: _____

Branch: _____

SECTION A

1. Name the vector which is involved in the spread of malaria?

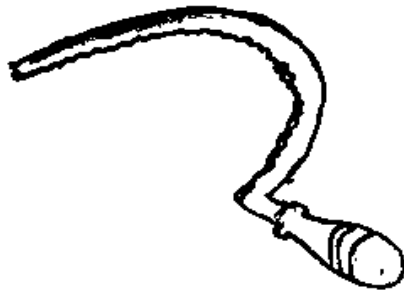
2. Why is it advisable for a farmer to mulch their crop gardens?

3. Give the function of the heart in the human body.

4. State one way of controlling tape worm infestation in humans.

5. Write any one organ of the human body which is damaged due to excessive consumption of alcohol.

Study the diagram below and answer the questions that follow.



6. Name the garden tool shown in the diagram above.

7. How is the garden tool drawn above useful to farmers?

8. Which type of energy is possessed by a flying air craft?

9. Give a reason why mercury is commonly used in thermometers.

10. Apart from mulching, mention one other farming practice used by crop farmers to maintain soil fertility.

The diagram below is of a bird's foot. Use it to answer the question that follows.



11. Which group of birds have such a foot as shown in the diagram above?

12. Give one way a latrine is important in a school.

13. Name the component of blood which is destroyed by HIV.

14. Mention any one factor which affects pitch of sound.

15. Why do butterflies lay eggs on plant leaves?

16. State one health danger faced by family members who refuse to sleep under treated mosquito nets.

17. State the difference between active smoking and passive smoking.

18. How does sun drying help to preserve food?

19. Why are ventilators placed slightly above windows on a living house?

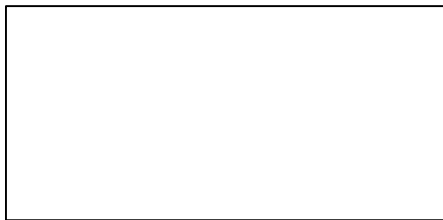
20. A stone of mass 50gms displaced 10cm^3 volume of water. Find the density of the stone.

21. Name the digestive juice produced by the walls of the stomach.

22. What piece of advice can you give to a poultry farmer whose layers lay eggs with soft shells?

23. Why is a child with diarrhoea most likely to become dehydrated?

24. In the space below, draw a blood component which transports oxygen to all body parts.



25. In which way does the breathing of a fish differ from that of a human being?

26. How can a P.6 child promote his/her oral health?

27. Name any one example of a spore producing plant.

28. In one sentence, explain the term resource.

29. Why is it dangerous for a pregnant woman to smoke tobacco?

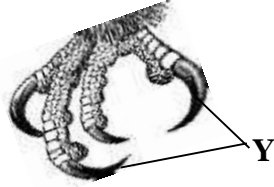
30. How can echoes be eliminated from a cinema hall or a theatre?

31. State one structural difference between an artery and a vein.

32. Give one way termites depend on soil.

33. Give an example of an egg laying mammal.

The diagram below shows a foot of a bird of prey.



34. Name part marked Y.

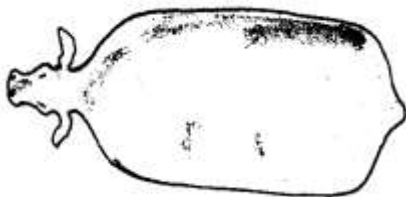
35. Which way is part Y helpful during its feeding?

36. Which term is used to mean the three small bones found in the mammalian ear?

37. State the difference between a solute and a solvent.

38. Name any one example of a solute.

39. Which type of cattle has the body formation as shown below?



40. What do earthworms use for breathing?

SECTION B

41.a) Through which state of matter does sound travel fastest?

b) How does sound travel from its source to its destination?

c) Why can't sound travel through a vacuum?

d) Give any one way sound can be stored.

42.a) Name the instrument used to see bacteria.

b) How do bacteria reproduce?

c) Mention any one type of bacteria.

d) Give any one way bacteria are important in the environment.

43.a) Mention one type of insemination.

b) What does the term heat period mean as used in cattle rearing?

c) Mention two signs of heat period in cows.

(i) _____

(ii) _____

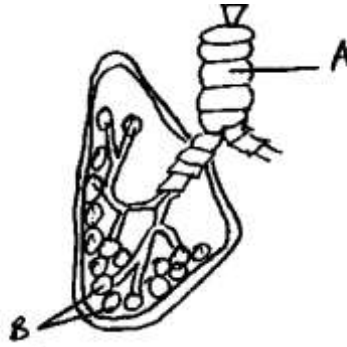
44.a) What does the term photosynthesis mean?

b) Mention one raw material needed during photosynthesis.

c) Why can't photosynthesis take place at night?

d) How do animals benefit from the process of photosynthesis?

45. The diagram below is of part of the respiratory system.



a) Name parts marked;

(i) A _____ (ii) B _____

b) Why is part marked **A** made up of rings of cartilage?

c) Mention one immunisable disease of the above organs.

46. Complete the table below showing immunization.

Disease	Vaccine	Immunisation site
_____	BCG vaccine	Right upper arm
Polio	Polio vaccine	_____
Diphtheria	DPT vaccine	_____
Measles	_____	Left upper arm

47.a) What is P.H.C?

b) Give two elements of P.H.C?

(i) _____

(ii) _____

c) Mention one principle of P.H.C?

48.a) Give two examples of dairy breeds of cattle.

(i) _____

(ii) _____

b) How are draught cattle useful to farmers?

c) Why is a strip cup important on a dairy farm?

49.a) Write one method of making alcohol.

b) Where in the alimentary canal does alcohol absorption take place?

c) Mention one way alcohol can be useful to builders.

d) Apart from alcohol, mention one other drug which people commonly abuse in the society.

50. Match items in **A** to those in **B** correctly.

A	B
onion	rhizome
carrot	stem tuber
irish potato	bulb
ginger	root tuber

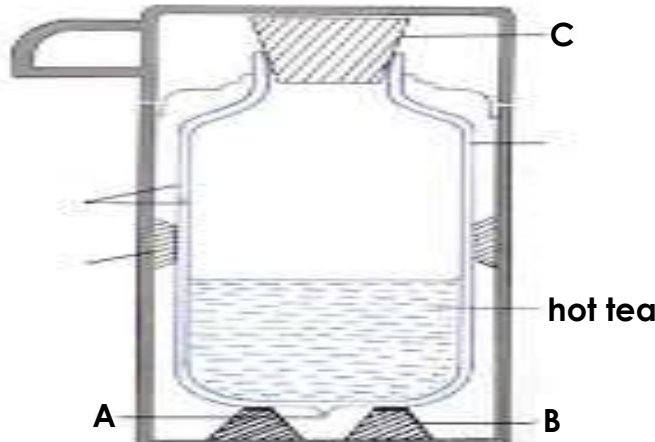
(i) onion _____

(ii) carrot _____

(iii) irish potato _____

(iv) ginger _____

51. The diagram below shows a domestic item.



a) Name the item shown above.

b) Name part marked;

(i) A _____ (ii) B _____

c) How does part **C** control heat loss or gain from hot tea?

52.a) What is seed viability?

b) Where does each of the following store food;

(i) bean seed _____

(ii) maize grain _____

c) How is the type of germination in beans different from that in maize?

53.a) What is drug prescription?

b) State any one importance of taking prescribed drugs.

c) Give one way people mis-use drugs.

d) Mention any one reason why drugs should be kept out of the reach of children.

54.a) State two types of resources.

(i) _____ (ii) _____

b) How can non-renewable resources be conserved?

c) Why should we conserve resources?

55.a) Give any one reason why the rabbit house is raised above the ground.

b) Give any two exotic breeds of rabbits commonly kept in Uganda.

(i) _____ (ii) _____

c) State any one thing that should be provided to the rabbits in the house.

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