

MAYA HILLSIDE JUNIOR SCHOOL

SET II TERM II EXAMINATIONS, 2024

PRIMARY SEVEN

SCIENCE

Time allowed: 2 hours 15 minutes

Name: _____ Stream: _____

SECTION A

1. Mention one function of a stem a plant.

2. Give one effect of rain to the atmosphere.

3. Apart from row planting method, give the other method of planting crops.

4. Why is it bad to cut finger nails using your teeth?

5. What causes Kwashiorkor in children?

6. Which body organ produces bile juice?

7. How is calcium important in the growth of teeth?

The diagram below shows an item used to promote sanitation at home. Use it to answer question 8.



8. Name the item above.

9. How can the spread of cholera be controlled at home?

10. How does the life history of a cockroach differ from that of a butterfly?

11. What is the importance of safety pins in a first aid kit?

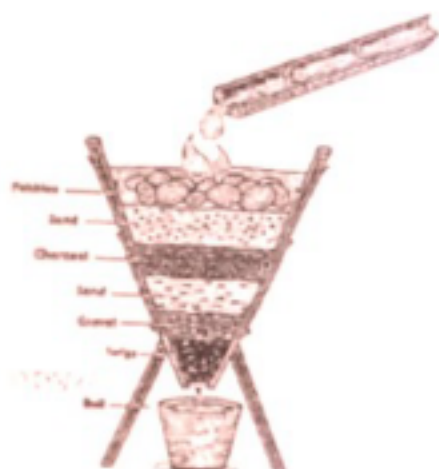
2. Name any one disease of rabbits that affects poultry.
-
13. What is brooding in poultry keeping?
-
-
14. What is the basic unit of measuring capacity?
-
15. Why is DPT vaccine referred to as a triple vaccine?
-
16. Give one food substance digested in the duodenum.
-
17. Which type of soil has the smallest particles?
-
18. Why does a clay made charcoal stove use less charcoal than a metallic one?
-
19. Why should a lot of care be taken when digging around root crops?
-
20. What is saprophytic feeding as used in fungi?
-
-
21. State the type of change a mango fruit undergoes when ripening.
-
22. Give the type of goats reared for mohair production.
-
23. Mention one condition that makes women vulnerable.
-
24. State any one life style that promotes good health among people.
-
25. Why is a spider not grouped under insects?
-
26. How can the volume of sound produced by guitar be changed?
-
27. Give one way in which alcoholism can affect a family.
-

28. What is the difference between dicotyledonous and monocotyledonous plants in terms of leaf venation?

29. Mention one advantage a cross breed cattle has over an exotic one.

30. Give one example of a plant fibre.

The diagram is of a method of obtaining clean water. Use it to answer questions 31 and 32.

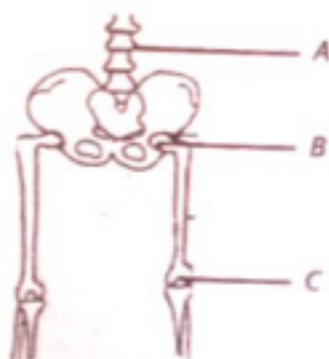


31. Identify the method shown above.

32. Why is the water collected not fit for human consumption?

33. What general name is given to the reproductive cells?

The diagram below is part of the human skeleton. Use it to answer questions 34 and 35.



34. Name the bone marked with letter A.

35. How is the movement at joint B different from that at joint C?

36. Why are overhead electrical wires made of copper or aluminum and not silver yet it is the best conductor of electricity?

37. Give one way a magnet can be protected from getting demagnetized.

38. Which type of bee is sterile?

39. State the gestation period of a goat.

40. mention one form of current electricity.

SECTION B

41a) Name two raw materials required by leaves for photosynthesis to take place.

i

ii

b) Give one advantage of photosynthesis to the environment besides provisions of food.

c) Which type of food is made by leaves during photosynthesis?

42a) Give the function of each of the following garden tool.

i) Sickle -

ii) Rake -

iii) Hoe -

b) How can a farmer prevent garden tools from rusting?

43. Mention the sense organs for the following sensations;

i) Hearing. -

ii) Sight -

iii) Feeling -

iv) Tasting -

44. The diagram below is of a water cycle. Use it to answer the questions that follow.



- a) Identify the process taking place at points P, Q, R.

i) P _____

ii) Q _____

iii) R _____

- b) How is the sun important in the above cycle?

- 45a) What is the meaning of the term dentation?

i) _____

- b) How are the following types of teeth adapted to their function.

i) Incisor teeth: _____

ii) Canine teeth: _____

- c) Name one living part of the tooth.

- 46a) Give two components of a clean home.

i) _____

ii) _____

- b) How does proper ventilation of a house promote good health?

- c) Why should a school compound be kept clean?

47. The table shows sources of food. The food nutrients and the related deficiency diseases. Complete it correctly.

	Source of food	Food Nutrient	Deficiency disease
i)	Fruits	Vitamin c	_____
ii)	Beans	_____	Kwashiorkor
iii)	_____	Vitamin A	Night Blindness
iv)	Iodised salt	Iodine	_____

- 48a) Give two ways in which a person preparing ORS can prevent it from contamination.

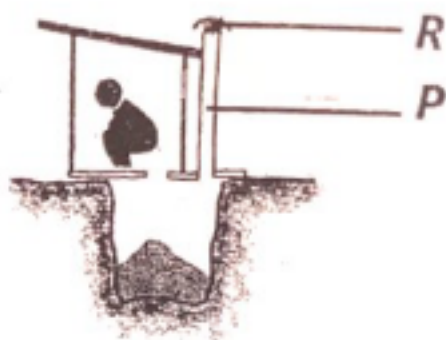
i) _____

ii) _____

- b) What is the importance of ORS to a dehydrated person?

- c) Give one sign of dehydration in children.

49. The diagram below shows a VIP latrine. Use it to answer the questions that follow.



- a) Name parts labeled R and P.

i) R _____

ii) P _____

- b) How does part R reduce chances of spreading of faecal diseases?

Give one thing that can be done to an ordinary pit latrine to minimize giving out a bad smell.

50a) Give the difference between a burn and a scald.

b) What is the first aid for fever in humans?

c) Give two causes of burns at home.

i

ii

51a) Give two ways in which plastics can be re-used:

i

ii

b) How does re-using plastics protect the environment?

c) Apart from plastics, give one other material that can pollute the soil.

52a) State any two effects of pests and diseases to root crops.

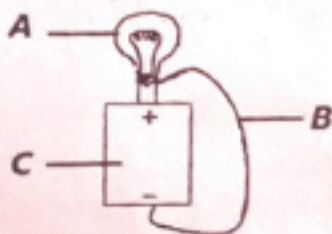
i

ii

b) Give one characteristic of root crop pests that dig soil and bite crops.

c) What root crop disease is spread by a white fly?

53. The diagram below shows an electric circuit. Study and use it to answer questions about it.



a) Name the parts marked with letter;

A

B

b) Name the form of energy stored by part marked C.

c) Apart from light energy, give one form of energy

produced by part A.



54a) Name two physical changes caused by heat loss.

i) _____

ii) _____

b) In which type of change are the properties of the substances formed permanent and different from the old one?

c) State the meaning of the term biological changes.

55. The table below is of different groups of vertebrates. Use the information given in the table correctly.

A	B	C	D
tortoise	frog	elephant	Nile perch

a) Name the class of vertebrates marked A and C.

i) A _____

ii) C _____

b) Which class of vertebrates is not represented in the table above?

c) How is the reproduction of animal in class A and D similar?