

MOTHELCARE PREPARATORY SCHOOLS

REVISION WORK TERM I - 2020

P.7 INTEGRATED SCIENCE

TIME ALLOWED: 2 HOURS 15 MINUTES

Index No:

Random No.						Personal No.		

Candidate's Name : _____

Candidate's Signature : _____

School Random No. : _____ Stream: _____

District ID : _____

Read the following instructions carefully.

1. This paper is made up of two sections **A** and **B**.
2. Attempt **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
4. Unnecessary alteration of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill any thing in the boxes indicated **for Examiner's use only**.

FOR OFFICIAL USE ONLY			
SECTION	EXRS MARKS	T/L MARKS	OFFICE
A			
B			
TOTAL			

SECTION A

1. Why do people wash their hands before eating food?

.....
.....

2. A part from protection of delicate body organs, give one other importance of the human skeleton.

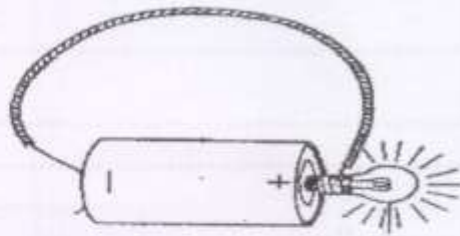
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3. Give any one condition need for rusting of iron metals.

.....

.....

4. With the help of an arrow on the diagram below show the flow of current.



5. State one characteristic of birds of prey.

.....

.....

6. By what process does ice change to water?

.....

7. If the mass of an object is 45g and its volume is 5cc. find its density.


.....

8. Write down one example of a natural magnet.
.....
9. Mention the vector which spreads germs that cause trachoma.
.....
10. Give a reason why coal is called a non renewable resource.
.....
.....
11. Which disorder of the digestive system can be prevented by eating food rich in roughages?
.....
12. Write down one difference between a cock a hen.
.....
.....
13. Give one advantage of breast feeding to a child.
.....
.....
14. To which group of crops do oranges, mangoes and lemons belong?
.....
.....
15. Name the type of tooth shown below.
.....
.....
16. Mention any one mineral salt lost during diarrhoea?
.....
17. Apart from hunting, state one other importance of a dog to man.
.....
.....
18. What is the use of a strip cup on a dairy farm?
.....

19. Give one reason why a cow is regarded as a ruminant.
.....
.....

20. Identify one example of a biological change in the environment.
.....

21. Mention the cause of a short circuit.
.....

22. Which type of cattle has the body shape shown below?


23. Name any one common poultry vice.
.....

24. State any one use of fungi to man.
.....
.....

25. Name the second stage in the life cycle of a cockroach.
.....

26. Which general name is given to materials that do not allow heat or electricity to pass through them?
.....

27. Give any one crop that is first planted in a nursery bed.
.....
.....

28. A part from babies, give one example of a vulnerable group of people.
.....

29. Mention any one role played by cilia in the nose of man.
.....

30. Write down an activity that helps promote good sanitation in a home.

31. State one use of an axe at home.

32. At what age is the dose of measles vaccine administered to a child?

33. Suggest one way of preventing the spread of HIV/ AIDS.

34. Identify any one viral disease that affects cattle.

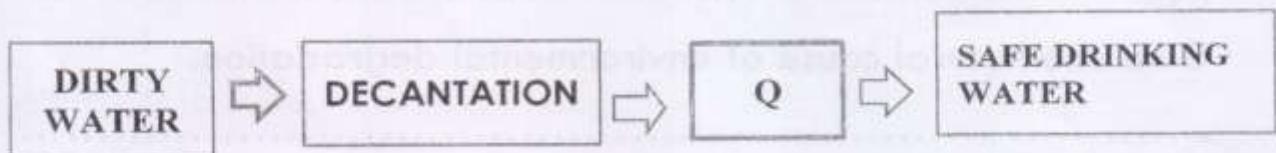
35. How is a screen useful on a VIP latrine?

36. Mention one organism which protects itself by using its prickly hair.

37. Farmers usually keep farm records. Give one reason why you think it is necessary for farmers to keep farm records.

38. Name the class of food that helps to repair worn out body cells.

Below is a diagram showing the process of making safe drinking water. Study it and answer question 39 and 40.



39. Name the process Q.

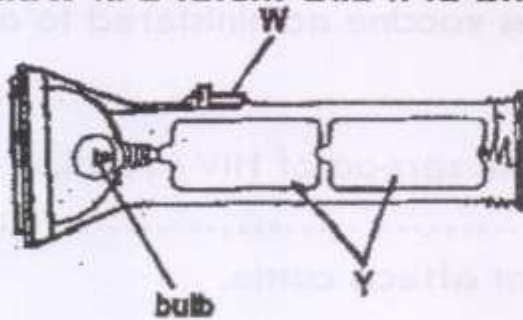
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40. How is process Q important in making water safe for drinking?

.....

SECTION B

41. Below is a torch. Use it to answer questions which follow.



(a) Name part marked W.

.....

(b) Identify the form of energy stored at part Y.

.....

(c) Mention one form of energy produced by the bulb.

.....

(d) How does the use of electricity help to conserve the environment?

.....

.....

42. a). Write down any two human activities which destroy the Environment.

(i).....

(ii).....

(b) Give one natural cause of environmental degradation.

.....

c) Give one way people can overcome drought in our country.

.....

.....

43(a) Explain the following terms:

(i) Apiculture:

.....
.....

(ii) Swarming:

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

(b) How are bees useful to?

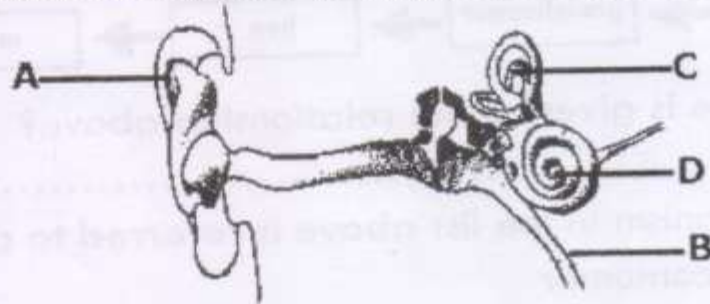
(i) Flowers:

.....

(ii) People:

.....

44(a) The diagram below show a human ear. Use it to answer questions that follow.



(a) Name the parts marked with letters B and D.

(i) B:

(ii) D:

(b) State the function of the parts marked with letters.

(i) A:

(ii) C:

45.a) What is an accident?

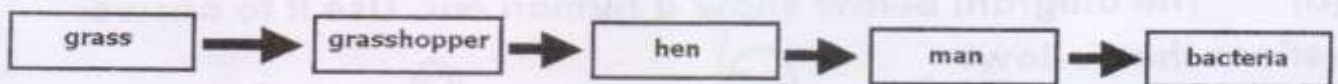
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- (b) Give one example of a foreign body in the ear?

- (c) State the accident whose first aid is pouring clean cold water on the injured part?

- (c) Give one quality of a good first aider.

46. The diagram below shows a feeding relationship among living things. Study it carefully and use it to answer questions which follow.



- (a) What name is given to the relationship above?

- (b) Which organism in the list above is referred to as:
- (i) A primary consumer

- (ii) A decomposer

- (c) A part from food, give one other way animals depend on plants.

- 47(a) Which component of blood is responsible for;
- (i) Clotting of blood.

- (ii) Transporting oxygen around the body.

(iii) Defending the body against disease causing germs.
.....

(b) Which component of blood is affected by plasmodia germs?
.....

48(a) Write down two requirements of a pregnant woman.

(i)

(ii)

(b) Identify one problem a P.7 girl is likely to face if she becomes pregnant.
.....
.....

(c) Give one sign of pregnancy in woman.
.....

49(a) Suggest any two reasons why people drink alcohol.

(i)

(ii)

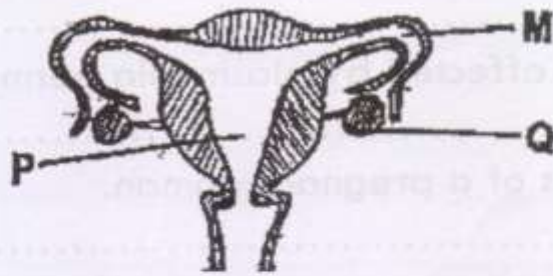
(b) Apart from drinking, state one other use of alcohol to people.
.....
.....

(c) Name one body organ that is damaged due to excessive alcohol consumption.
.....
.....

50. Complete the table below correctly.

Animal	Breathing organs
(a)	Moist skin
Cockroach	(b).....
(c)	Lungs
Fish	(d).....

51. The diagram below shows a female reproductive organ.



(a) Name the parts marked **P** and **Q**

(i) **P**

(ii) **Q**

(b) What process takes place in part **M**?

.....

(c) Identify one disease that affects the organ above.

.....

52(a) Give one reason why farmers spray their crops in the garden.

.....

(b) A part from spraying, give two other ways of caring for crops in the garden.

(i)

(ii)

(b) Give one example of a field crop pest.

.....

53(a) Give one importance of echoes to bats.

.....

.....

(b) State two reasons why bats are grouped under mammals.

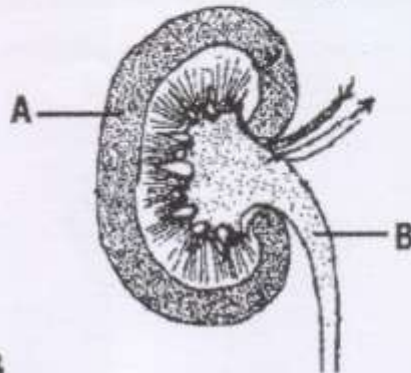
(i)

(ii)

(c) Give one way how bats can help in controlling diseases.

.....

54. The diagram below shows a human kidney. Use it to answer the questions that follow.



(a) Name the part marked **B**

.....

(b) What process takes place in part marked **A**?

.....

(c) Name any disease that affects the system shown in the diagram above.

.....

(d) Write down one way of caring for the kidney and the urinary system.

.....

55(a) Write PHC in full.

.....

(b) Identify any one PHC activity that can promote water and sanitation.

.....

b) Name one disease which results from poor sanitation in the environment.

.....

c) State one vector disease controlled by drinking boiled (safe) water.

.....

GOOD LUCK