

# LUWERO DIOCESE MOCK EXAMINATION 2023

## INTEGRATED SCIENCE

Time Allowed: 2hours 15 Minutes

Random Number

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Candidate's Name.....

Candidate's Signature.....

Read the following instructions carefully:

1. The paper has two sections A and B
2. Section A has 50 short questions.  
**(50 Marks)**
3. Section B has 05 questions.**(50 marks)**
4. All answers to questions in both section A And B must be written in the spaces provided below.
5. All answers must be written in **blue** or **black** ink
6. Unnecessary alteration of work will lead to loss of Marks
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the box labeled "**FOR EXAMINER'S USE ONLY**"

*For Examiner's use only;*

NUMBERS	MARKS	INITIALS
Number 1-10		
Number 11-20		
Number 21-30		
Number 31 -40		
Number 41 – 50		
Number 51		
Number 52		
Number 53		
Number 54		
Number 55		
Total		

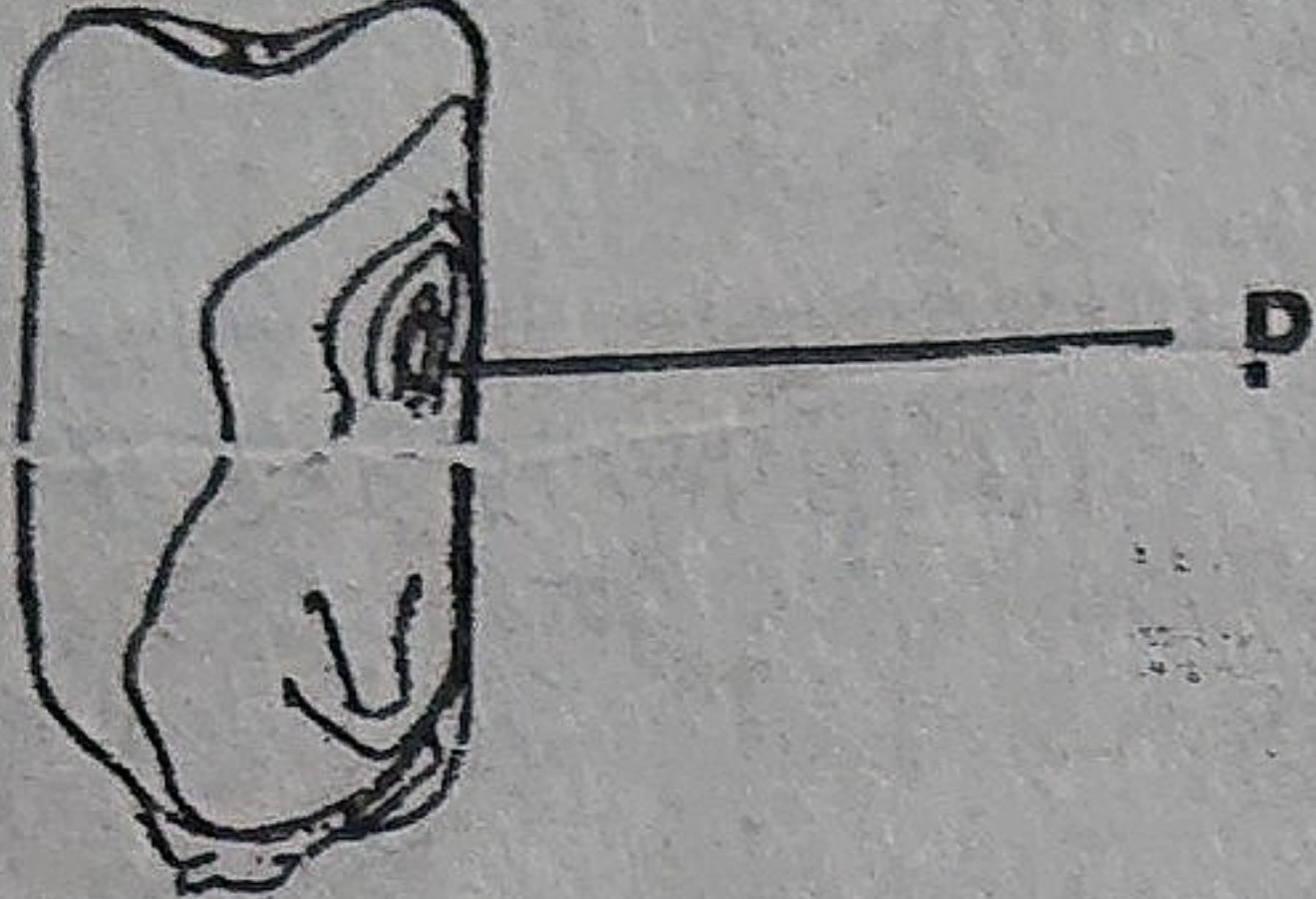
1. Give any one type of weather.

2. Name one example of a long bone in the human skeleton.

3. What is an extended family?

4. Identify the form of energy needed to steam matoke in a kitchen at home.

5. The diagram below shows a maize seed.



State the function of part P.

6. Which vaccine is given to people to protect them against Hepatitis B?

7. State any one importance of bee farming as a business.

8. Give one example of an annual crop that is commonly grown in your community.

9. Name any one disorder of the human digestive system.

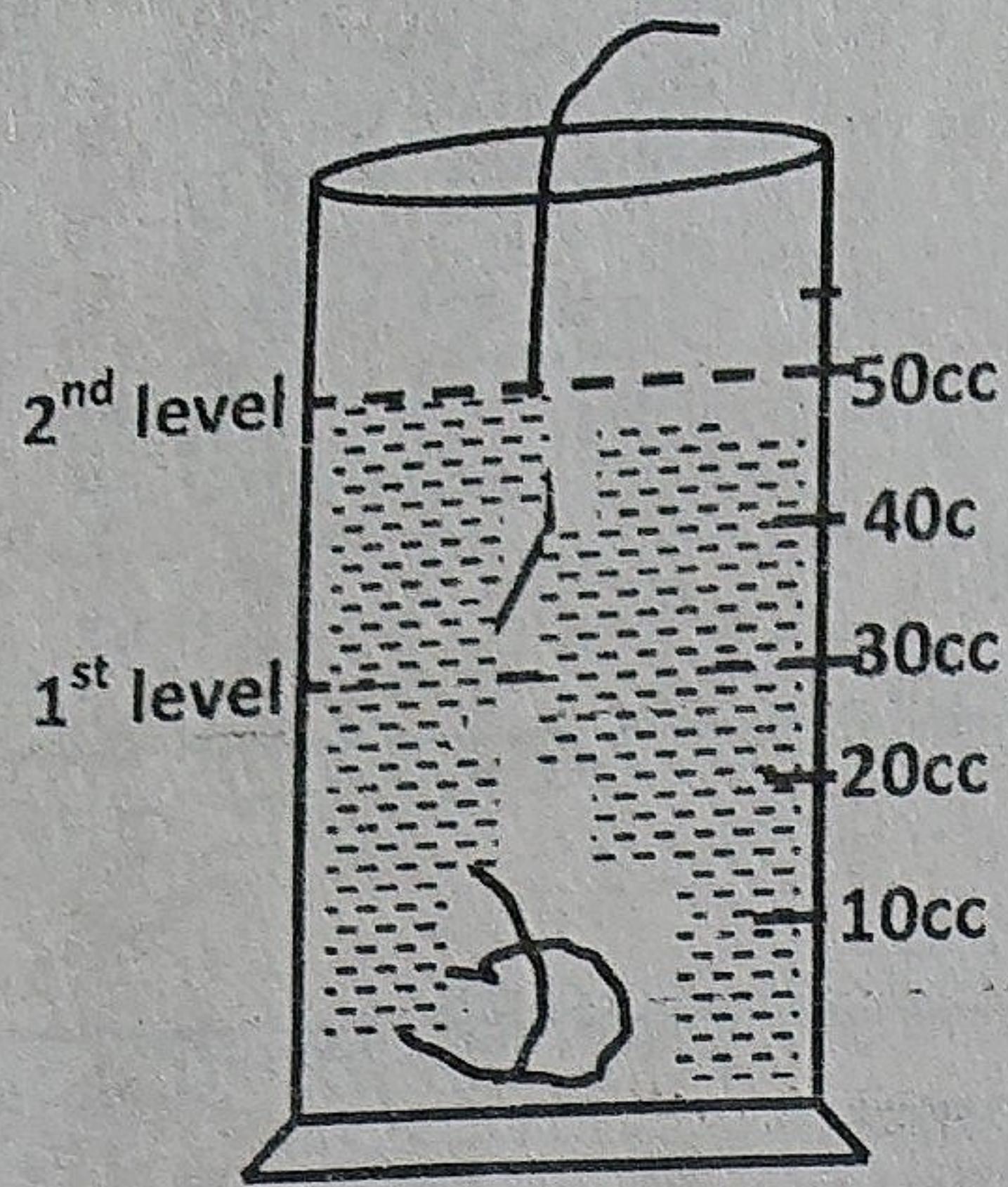
10. Give one way of caring for people with special needs.

11. Write down one sanitary activity that destroys breeding places of vectors.

12. Identify any one common sign of pest and disease damage in crops.

13. What would happen to bees if their hive leaks and bad smell starts in the area?

14. The diagram below shows a method of finding the volume of an irregular object.



Find out the volume of the irregular object

15. Name one non-vertebrate animal that falls under the molluscs.

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16. Identify any one natural source of sound that is not a living thing.

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17. Identify any one blood vessel in the human body that carries oxygenated blood.

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18. Give any one importance of electricity in solving everyday problems.

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19. Name any one energy resource from water

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20. What is smoking?

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21. Where in the body does respiration take place?

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22. Write down any one thing you do everyday to keep clean.

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23. In one sentence, explain how cooked food at home may get contaminated.

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24. State the function of the urinary bladder in the human body

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25. Write down one type of soil erosion.

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26. Change  $5^{\circ}\text{C}$  into  $^{\circ}\text{F}$

27. Write down any one danger of fungi.

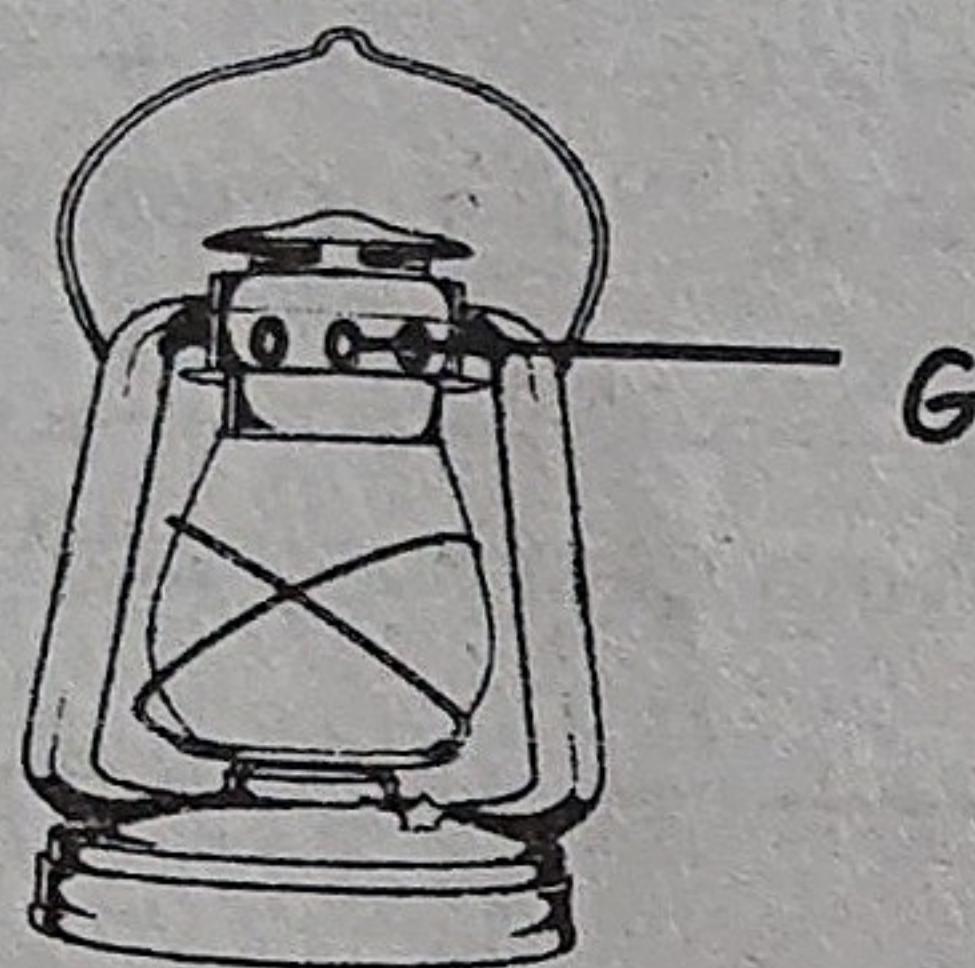
28. Which type of change is rusting?

29. Give any one danger of lightning in our environment.

30. Write one of the 3Ds in full.

31. Identify the intestinal worm that infests the body as a result of eating undercooked meat.

The diagram below show a lantern



32. Give the importance of holes marked G.

33. Identify any one man-made material from which things like toys, dolls are made.

34. State any one advantage of friction.

35. Give any one way of controlling vectors that are commonly found in pit latrines.

36. Write down any one material that can be used in the harvesting of water.

37. How are feathers important to ostriches?

38. In the space provided below, draw a diagram that shows that air exerts pressure

(ii) coin

43. (a) Name one non-vertebrate animal that people rear for honey production.

(b) State any two ways of caring for the non-vertebrate you have named in (a) above.

(i)

(ii)

(c) State any one characteristic of the non-vertebrate in (a) above.

44. (a) Which human system is attacked by HIV/AIDS?

(b) State any two effects of HIV/AIDS on an individual.

(i)

(ii)

(c) Give one way in which people can increase the volume of blood in circulation.

45. The diagram below shows one common perennial plant. Use it to answer questions that follow.



(a) Give any one disease that attacks the plant above.

(b) Identify any one pest that affects the plant above.

(c) State two ways in which farmers can care for the plant above.

(i)

(ii)

46. (a) State any one way you can make clear water from a borehole safe for drinking.

(b) Give any one common water impurity.

(c) Why is it important to iron clothes before wearing them?

(d) Which material at home can you use to make local salt?

7. (a) Why should every school have a first aid kit?

(b) Write down any two components of a first aid kit.

(i)

(ii)

(c) Explain the first aid for a snake bite.

8. Teenage pregnancy is defined as a girl under 20 years becoming pregnant.

OR: Teenage pregnancy is defined as a teenage girl, usually within the ages of 13 - 19, becoming pregnant.

(a) State any two dangers of teenage pregnancy.

(i)

(ii)

(b) Give any one importance of family planning.

(c) Outline one secondary sex characteristic in both female and male adolescents.

49. (a) What is bottle feeding?

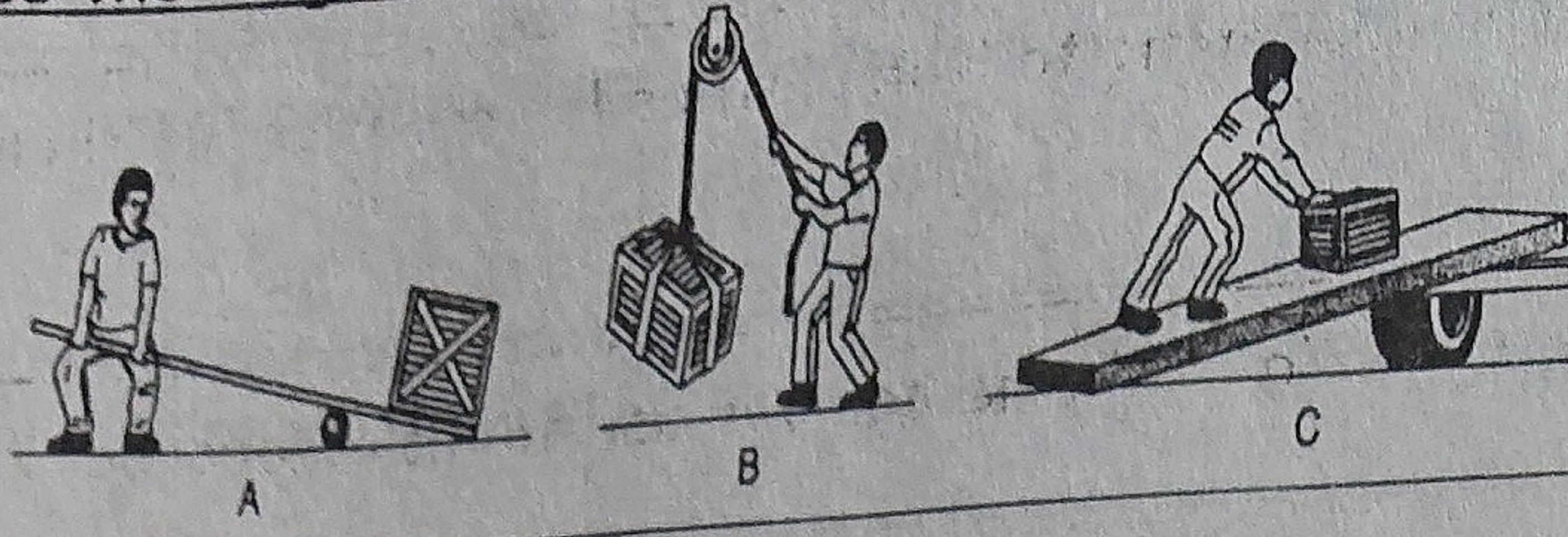
(b) State one advantage and one disadvantage of bottle feeding.

(i) advantage

(ii) disadvantage

(c) Give one example of a weaning food.

50. (a) Use the diagram below to complete the table below.



Letter	Simple machine
A	
B	
C	

(b) How does machine B simplify work?

51. (a) Give the use of these types of teeth during digestion.

- (i) canine \_\_\_\_\_  
(ii) incisor \_\_\_\_\_

(b) How can one care for one's teeth?

(c) Name one disorder of teeth.

52. Match the body sense organs and their senses.

Sense organ	Senses
(a) Ear	touch
(b) Nose	hearing
(c) Skin	seeing
(d) Eye	smelling

- (a) Ear \_\_\_\_\_  
(b) Nose \_\_\_\_\_  
(c) Skin \_\_\_\_\_  
(d) Eye \_\_\_\_\_

53. (a) How can milk be preserved?

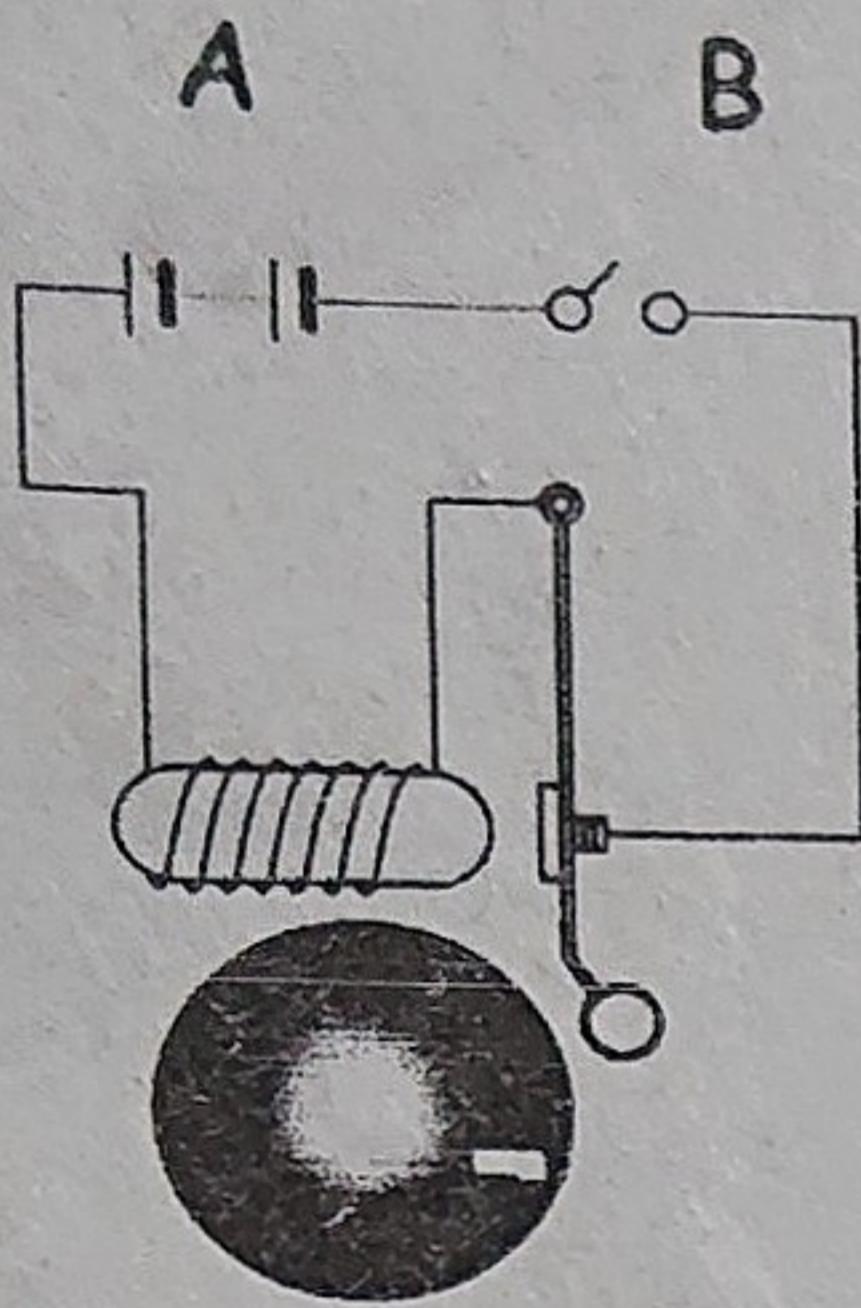
(b) Mention any two products got from milk.  
(i) \_\_\_\_\_

c) Apart from a cow, give one other animal that gives us milk.

n four sentences, explain how you would get salt from a mixture of salt and sand.

- i)
- ii)
- v)

The diagram below shows an electric appliance.



a) Name parts labelled A and B.

A \_\_\_\_\_  
B \_\_\_\_\_

b) Identify any one energy change that takes place in the appliance above when the circuit is complete.

c) Name the source of energy used by the appliance above.

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