



SUREKEY EXAMINATIONS BOARD
PRIMARY FIVE PROMOTIONAL EXAMINATIONS
2025

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Admission No.						Personal No.		

Pupil's Name:

Pupil's Signature:

School Name:

District Name:

Read the following instructions carefully:

- Do not forget to write your **school** or **district name** on the paper.
- This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **12** printed pages.
- Answer **all** questions. **All** working for both sections **A** and **B** must be shown in the spaces provided.
- All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
- Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
- Do not fill anything in the table indicated: **"For Examiners' use only"** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

SECTION A: 40 MARKS

Questions **1** to **40** carry **one mark** each

1. State the function of scissors when giving first aid for cuts on the head.

.....

2. Name the type of hive that does not have a queen excluder.

.....

3. Give the role of the type of tooth found in the corner of the mouth during digestion.

.....

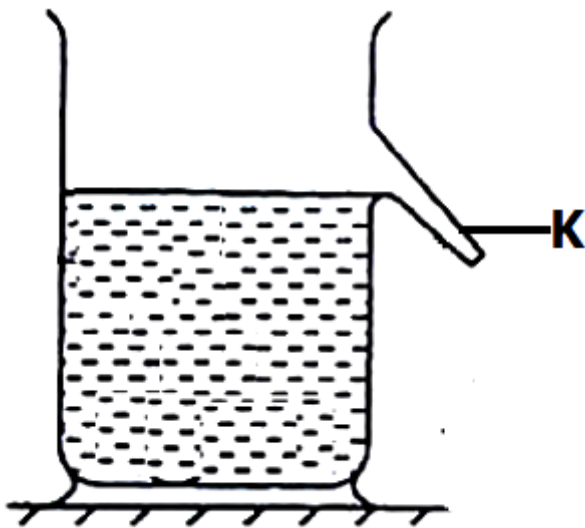
4. Give any **one** responsibility of the community in the promotion of Primary Health Care (PHC)

.....

5. Give a reason why sweet potato plantations are not mulched.

.....

The diagram below shows an equipment used when measuring the volume of objects. Use it to answer questions **6** and **7**.



6. Identify the type of objects whose volume is found using the above equipment.

.....

7. State the way in which part marked **K** useful when finding volume of objects?

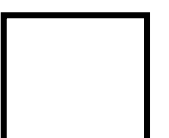
.....

8. State any **one** characteristic mushrooms.

.....

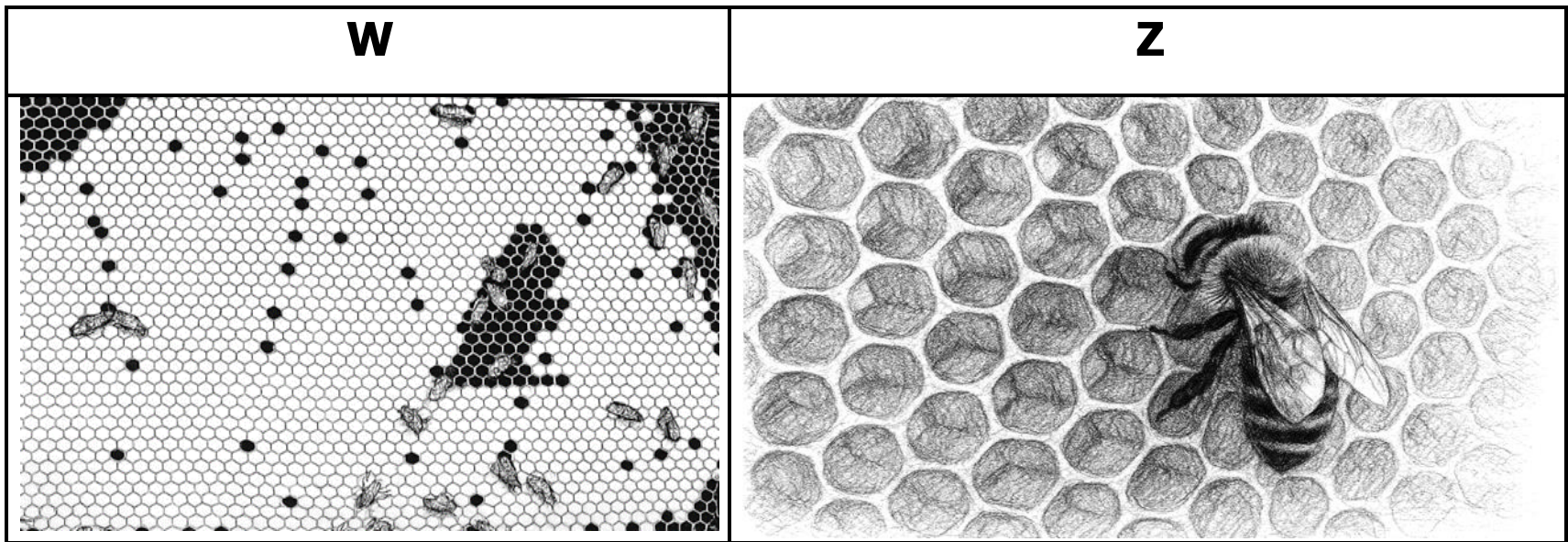
9. Name the part of the residential house that provides extra support to the wall

.....



10. Give any **one** way in which harvested cassava tubers can be preserved at home.
-
11. Identify the part of human body that performs the same function as halteres of a grasshopper.
-
12. Give any **one** sign and symptom of Newcastle disease in poultry.
-
13. Identify the example of chemical change that helps in the formation of compost manure.
-
14. Give any **one** practice that can weaken the immunity of the child.
-
15. Give any **one** way of controlling pinworm infestation in humans.
-

The diagrams below show combs found in the hive. Study and use them carefully to answer questions **16** and **17**.



16. Name the comb marked **W**.
-
17. Give **one** way in which the substance found in the comb marked **Z** is useful to the bakery industry.
-
18. State any **one** way in which failure to follow road traffic signs can cause accidents.
-

19. Give any **one** way in which the addition of water in food is important during cooking.
.....
20. Write down any **one** way of caring for the body organ which pumps blood in the body.
.....
21. Name the type of soil good for making pots. ☐
.....
22. Give any **one** disadvantage of lack of enough space to poultry in their house.
.....
23. Mention any **one** scar found on the maize grain.
.....
24. State the importance of a cork on a thermos flask.
.....

The diagram below shows a practice done to sheep. Use it to answer the questions **25** and **26**.



25. Name the practice shown above.
.....
26. State the period in which the above practice is done.
.....
27. State the way in which breast feeding helps to protect the babies against diseases.
.....

28. Give **one** reason why chameleons carry out moulting.
.....
29. State the reason why shadows are short at noon.
.....
30. Give the way in which density affects the behaviour of objects when put in water.
.....
31. The brick has mass 120g with its mass per unit volume of 12g/cc.
How much space does the brick occupy?
.....
32. Mention any **one** reason why sick babies should be given food rich in proteins.
.....
33. Mention the domestic animal that provides security at home.
.....
34. Give any **one** activity done by a Young Farmers' club in the school.
.....
35. State any **one** way in which promoting oral health is important to human health.
.....
36. Give any **one** way of reducing bad smell in latrines.
.....
37. Name the part of six's thermometer that enables the magnet to reset it.
.....
38. Mention any **one** factor considered when selecting a dairy breed of goat to rear.
.....
39. Give any **one** way in which the spread of polio can be controlled.
.....

40. State the way in which plants help to maintain water cycle in the environment

.....



SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each.

41. The diagram below shows a farm practice done on the rabbitry. Study and use it to answer the questions that follow.



(a) Name the rabbit practice shown above.

.....

(b) Identify the chemical substance used during the farm practice shown in the diagram above

.....

(c) State any **two** reasons why the practice shown in the diagram above is carried out on the rabbit farm.

(i)

(ii)

42. (a) Name the vector that spreads yellow fever.

.....

(b) State any **two** signs and symptoms of yellow fever in humans.

(i)

(ii)

(c) Give any **one** way in which yellow fever can be controlled at home.

.....

43. (a) Name the method of soil formation caused by the action of water on the rocks.

.....

(b) State any **one** importance of the component of soil formed by the action of water on rocks.

.....

(b) Explain how the action of water on rocks leads to the formation of soil. (02 Marks)

.....

.....

.....

44. In the table below, part **A** shows the types of injuries and part **B** has the meanings of each type.

Part A: Type of injury	Part B: Meaning
Bruise	A torn ligament.
Cut	A broken or cracked bone in the human body.
Sprain	An opening on the skin caused by a sharp object.
Fracture	A body swelling caused by internal bleeding

Use the meanings in part **B** of the table to match the types of injuries below.

(i) Bruise

.....

(ii) Cut

.....

(iii) Sprain

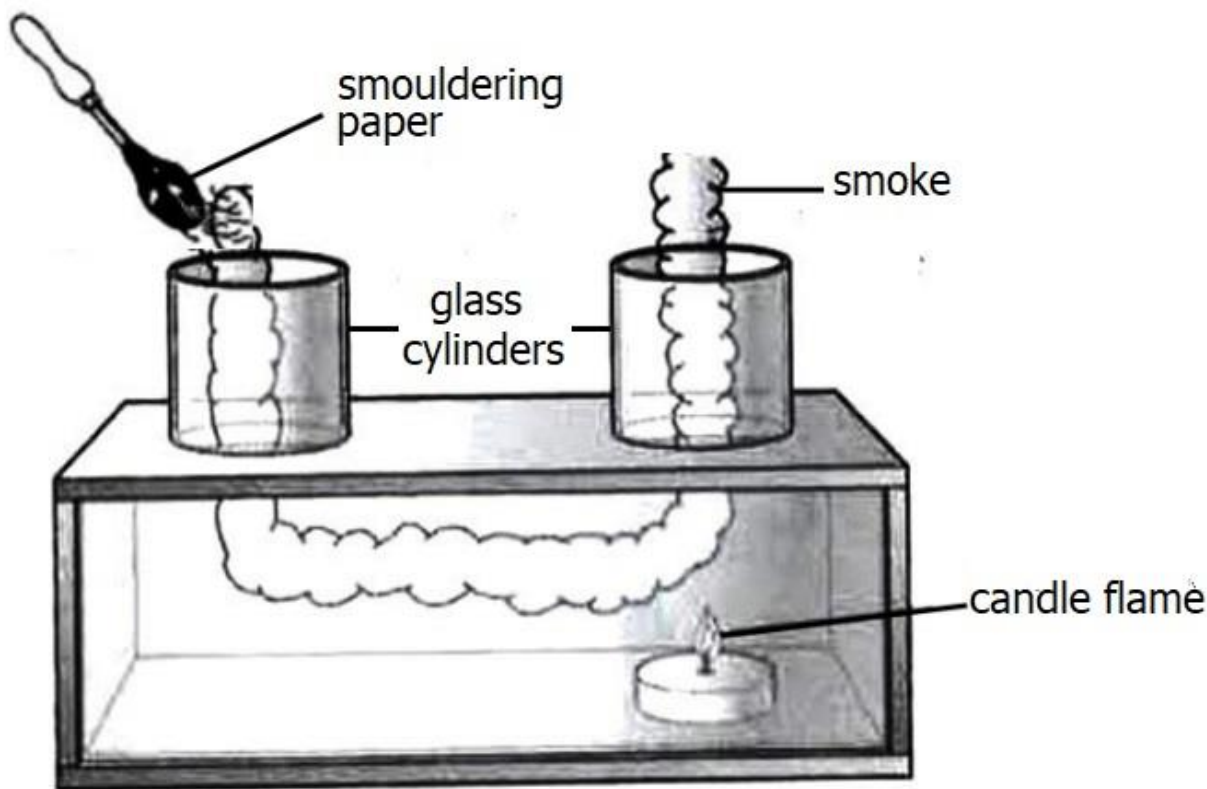
.....

(iv) Fracture

.....

45. (a) Give the function of each of the following garden items during crop growing.
- (i) String :.....
 - (ii) Dibber.....
- (b) State any **two** reasons why crop farmers clear land during dry season.
- (i)
 - (ii)

46. The diagram below shows an experiment about a certain form of heat transfer. Study and use it to answer the questions that follow.



- (a) Name the form of heat transfer shown in the diagram above.
.....
- (b) Give the roles of the following items during an experiment.
 - (i) Smouldering paper:
.....
 - (ii) Lit candle:
.....
- (c) State any **one** way in which the form of heat transfer investigated in the diagram can be dangerous in the environment.
.....



47. (a) Mention any **two** aspects of wind.
- (i)
- (ii)
- (b) Give a reason why wind weather instruments are put in an open place.
- (i)
- (ii)
- (c) State the way **one** can do to make a Stevenson screen to reflect radiant heat from the sun.
-

48. (a) Give **one** importance of the following practices on goat farm.
- (i) Browsing :
-
- (ii) Flushing up :.....
-
- (b) Give any **two** ways of caring for a pregnant nanny goat.
- (i)
- (ii)

49. The list below is of living things found in the environment. Study and use it to answer the questions that follow.

Termite, Bee, Millipede, Butterfly

- (a) Identify **two** living things that are found in the soil.
- (i)
- (ii)
- (b) Give the way in which a millipede from the list above is different from a bee in the way they protect themselves.
-
- (c) Mention any **one** human activity that can affect a butterfly as a living thing in the environment.
-



50. (a) Give the meaning of the term flower.

.....

.....

(b) State any **two** requirements needed by plants to make food.

(i)

(ii)

(c) State any **one** way in which photosynthesis is useful to animals.

.....

51. (a) Name the germ that causes typhoid in humans.

.....

(b) Identify the human body system that is affected by typhoid.

.....

(c) Give any **two** practices done to keep the body system mentioned in (b) above in good working conditions.

(i)

(ii)

52. (a) Name the element of Primary Health Care that controls the breeding of vectors.

.....

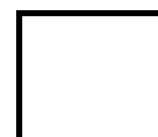
(b) State the way in which a wheel chair is important to lame people.

.....

(c) Give any **two** reasons why people with special needs need guidance and counselling.

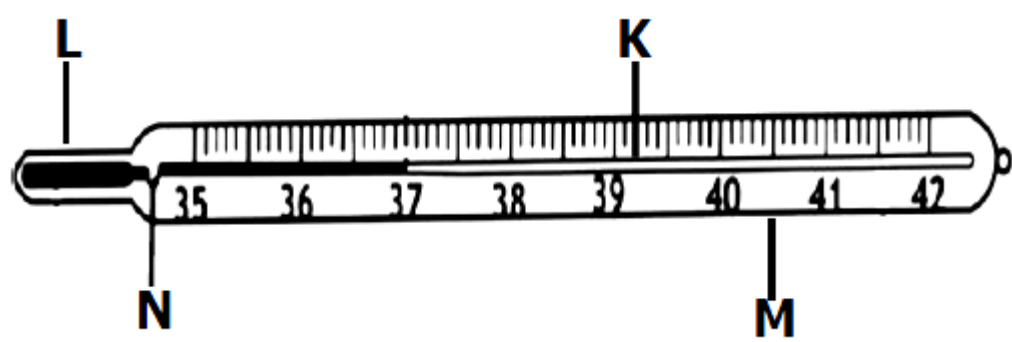
(i)

(ii)



53. (a) Give any **two** qualities of a good hutch.
- (i)
- (ii)
- (b) State any **two** conditions that can lead to disease outbreak in rabbits.
- (i)
- (ii)

54. The diagram below shows a clinical thermometer. Study and use it to answer the questions that follow.



- (a) Name the parts marked **M** and **K**.
- (i) **M** :
- (ii) **K** :
- (b) How is part marked **N** able to prevent the back flow of mercury?
-
- (c) Identify the thermometric liquid found in the part marked **L**.
-

55. You are provided with a saucepan, a mixture of salt and sand, water, a filter paper and a source of heat.

Describe an experiment to show how salt can obtained from the mixture.

(04 Marks)

.....

.....

.....

.....

.....

.....

