



SURREKEY EXAMINATIONS BOARD
PRIMARY SIX 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:

1. Do not forget to write your **school** or **district name** on the paper.
2. 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.
3. Answer **all** questions. **All** working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"For Examiners' use only"** and boxes inside the question paper.

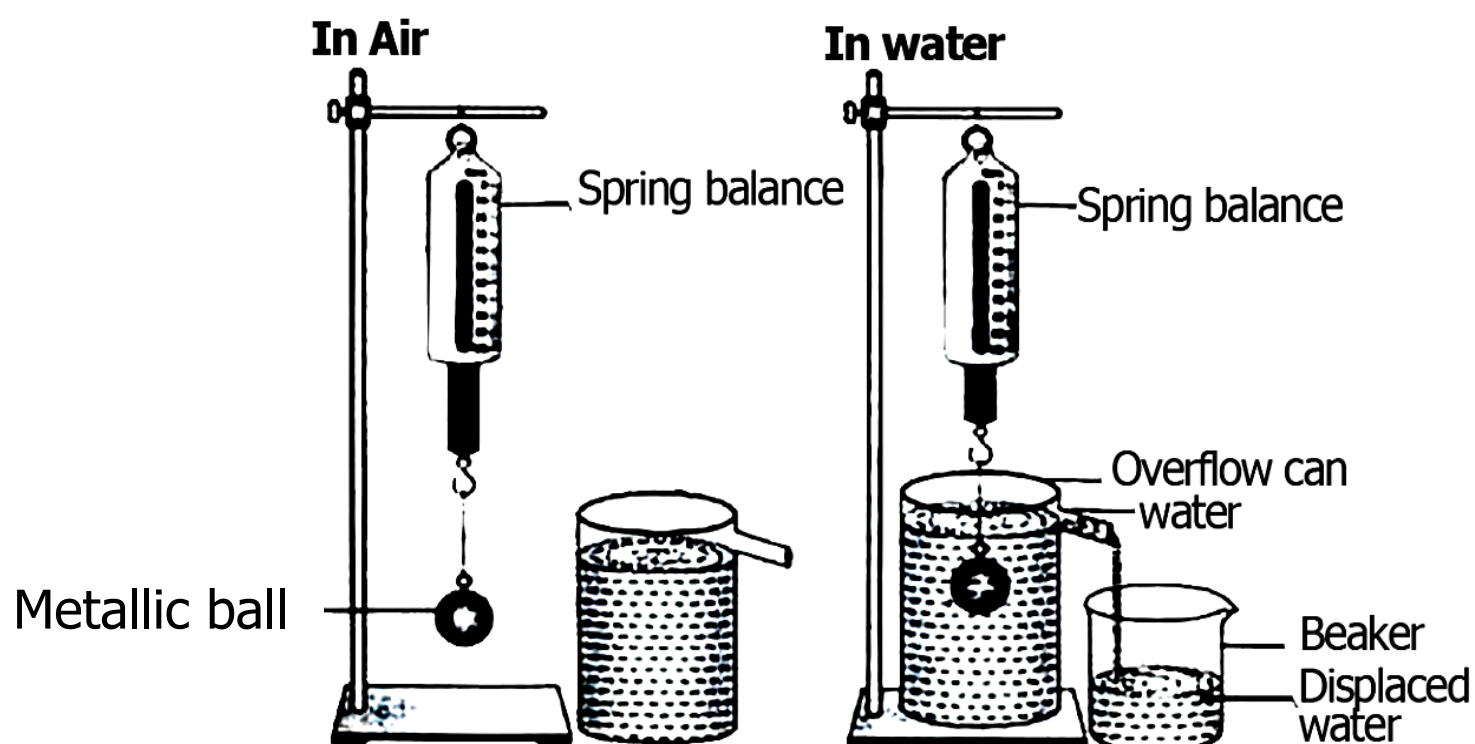
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

SECTION A: 40 MARKS

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

1. Name the part of the bean seed that stores food.
.....
2. State any **one** characteristic of worker bees.
.....
3. Give any **one** advantage of breastfeeding to a mother.
.....
4. Give any **one** way in which melting is important to people.
.....
5. Mention any **one** way in which you can care for your reproductive system.
.....

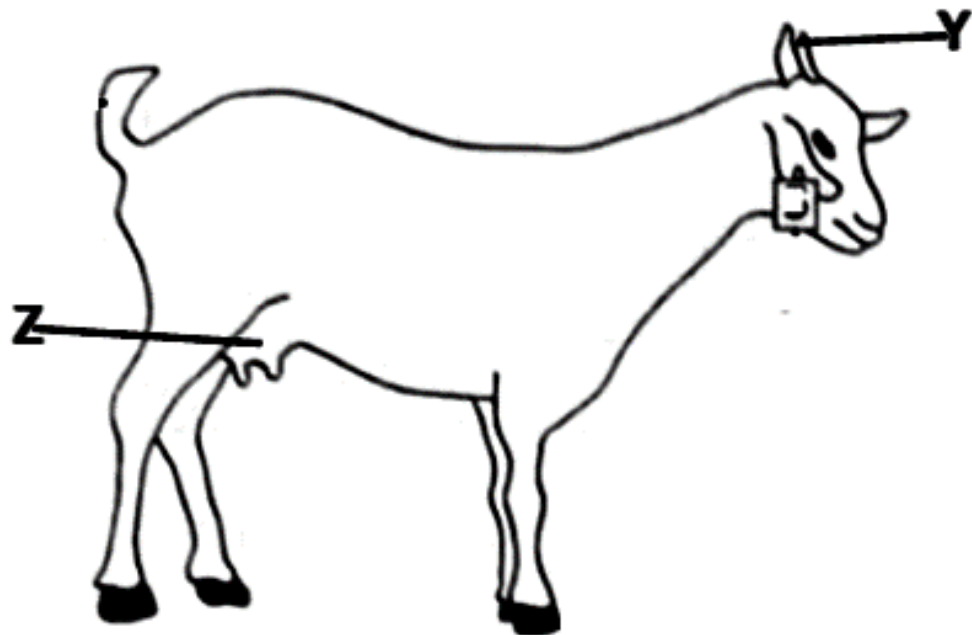
In the diagram below, a solid was measured in air and in water. Study and use it to answer questions **6** and **7**.



6. Identify the medium in which the solid weighs less.
.....
7. Give the reason to support your answer in number **6** above.
.....
8. State any **one** in which ringworm infection can be controlled among school children.
.....

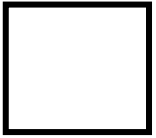
9. Name the part of the thermos flask that prevents heat loss by radiation.
.....
10. State any **one** role of the School Health Club can play in the control of malaria in the community.
.....
11. State the reason why a rat is called a warm-blooded vertebrate. □
.....
12. Give any **one** effect of smoking to the human lungs.
.....
13. State any **one** importance of dental health to an individual.
.....
14. Give any **one** characteristic of cereal crops.
.....
15. State any **one** way of conserving water as a resource.
.....

The diagram below shows external parts of a goat. Study it and answer questions **16** and **17**.



16. Name the part marked **Z**.
.....
17. Give the function of the part marked **Y** to a goat.
.....
18. State any **one** effect of sunshine in the environment.
.....

19. Name the eye disease spread by simlium flies to humans.
.....
20. Write down any **one** safety rule on the road.
.....
21. State **one** way in which altitude affects the speed of sound.
.....
22. Give any **one** way of controlling tapeworm infestation in children.
.....
23. Write down any **one** example of an emotional change in adolescents.
.....
24. State any **one** way in which sorting clothes is important in cleaning clothes.
.....



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



25. Name the bird shown above.
.....
26. State any **one** reason why you would classify the bird above under birds of prey.
.....
27. State any **one** way in which the spread of cholera can be controlled.
.....
28. Mention any **one** way in which you can identify food that has gone bad.
.....

29. Give any **one** reason why liquids flow and evaporate.
-
30. Apart from debeaking, mention any **one** other way of preventing egg eating in poultry management.
-
31. State any **one** use of physical exercises to a pregnant woman.
-
32. State the difference between mushrooms and yeast in terms of reproduction.
-
-
33. Give any **one** way in which ash is important to people.
-
34. Name the part of the VIP latrine that holds wastes.
-
35. State any **one** reason why the burnt part of the skin is dipped in cold water.
-
36. State any **one** way in which heat energy can be conserved at home.
-
37. State any **one** natural cause of environmental degradation.
-
38. Name any **one** organism that causes rotting.
-
39. Give any **one** method used to remove impurities from water.
-
40. Name the agent of seed dispersal that scatters poppy seed.
-



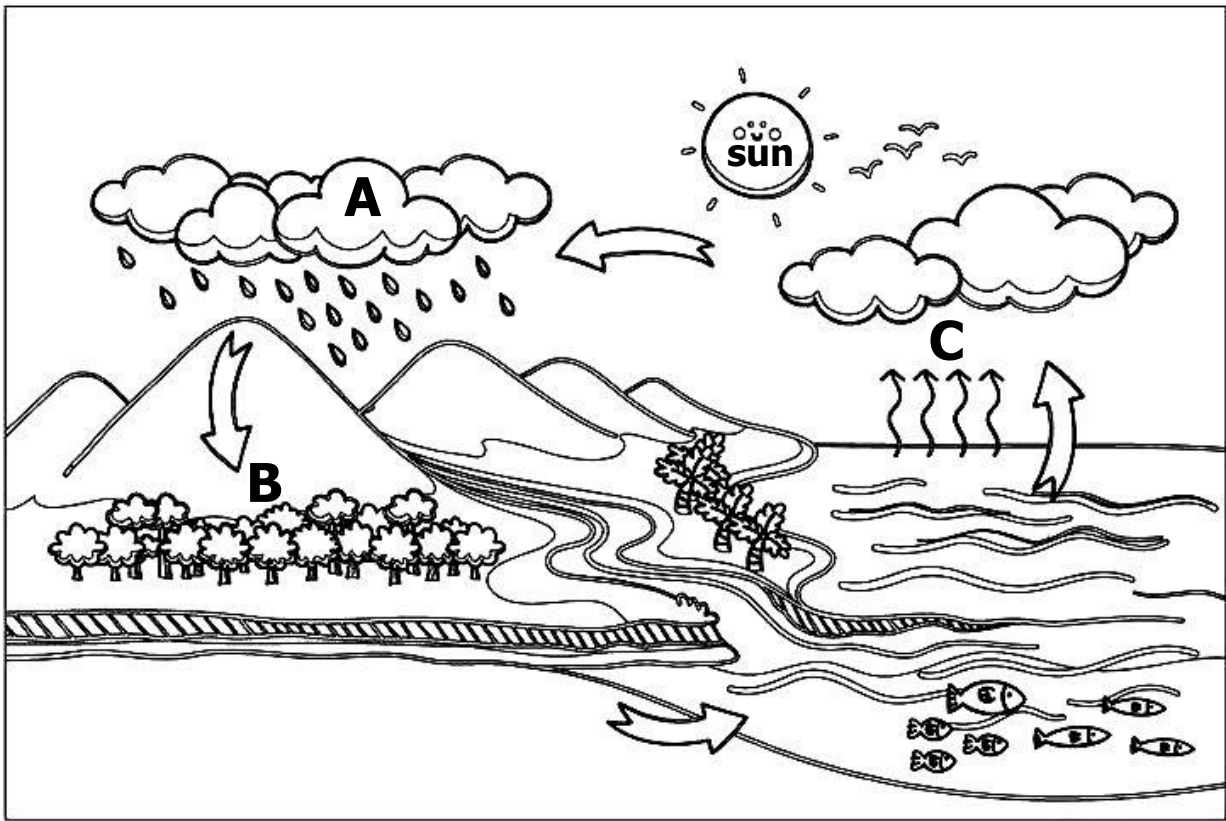
SECTION B: 60 MARKS

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

41. (a) Name the group of arthropods to which these animals belong;
- (i) Crab:
- (ii) tick :
- (b) State any **two** characteristics of arthropods.
- (i)
- (ii)
42. (a) Give any **one** cause of dehydration in a baby.
-
- (b) Explain how dehydration affects the functioning of the baby's body.
(02 marks)
-
-
-
- (c) State any **one** way of treating a dehydrated baby.
-
43. (a) Name the **two** exotic breeds of sheep kept for wool production.
- (i)
- (ii)
- (b) State any **one** way of caring for sheep at home.
-
- (c) Give the difference between shearing and docking in sheep management.
-
-



44. The diagram below shows the way in which rainfall is formed in the environment. Study and use it to answer the questions that follow.



- (a) Name the type of clouds represented by letter **A**.
.....
- (b) State the processes taking place at **B** and **C**.
 - (i) **B** :
 - (ii) **C** :
- (c) Give the importance of the **sun** in the above diagram.
.....

45. (a) Give any **two** advantages of using a modern beehive.
- (i)
 - (ii)
- (b) Mention any **two** factors to consider when siting a place for a honey bee.
- (i)
 - (ii)

46. (a) Write down any **two** factors that can make planted seeds fail to germinate.
- (i)
 - (ii)

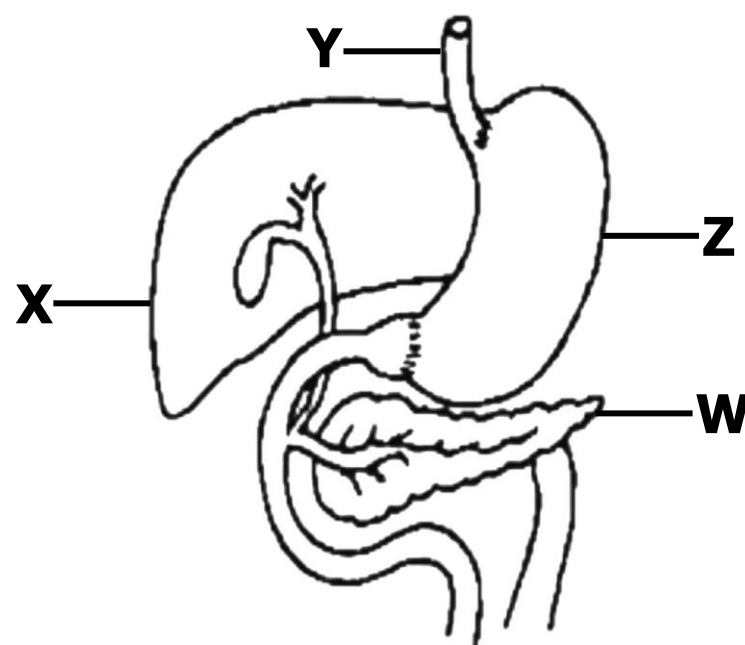
(b) State any **two** ways through which crop pests can be controlled in the garden.

(i)

(ii)



47. The diagram below shows part of the digestive system. Study and use it to answer the questions that follow.



(a) Name the parts marked **W** and **Y**.

(i) **W** :

(ii) **Y** :

(b) State the function of the part marked **Z**.

.....

(c) Identify the digestive juice produced by the part marked **X**.

.....

48. (a) Give any **two** ways in drug dependence can affect an individual.

(i)

(ii)

(b) State any **two** ways in which drug dependence can be avoided in an individual.

(i)

(ii)

49. (a) Name any **one** organism that makes fresh meat to got bad.

 (b) Mention any **two** native methods of preserving meat.
 (i)
 (ii)
 (c) State any **one** reason why people preserve meat.

50. The table below shows animals in vertebrate group. Study and use it to answer the questions that follow.

P	Q	R
Toad	Chameleon	Cow
Newt	Snake	Monkey
Frog	Lizard	Rat

- (a) Identify any **one** characteristic common to all animals in the table above.

 (b) State **one** way in which reproduction of animals in column **P** similar to those in column **Q**.

 (c) Name the column that has animals with constant body temperature.

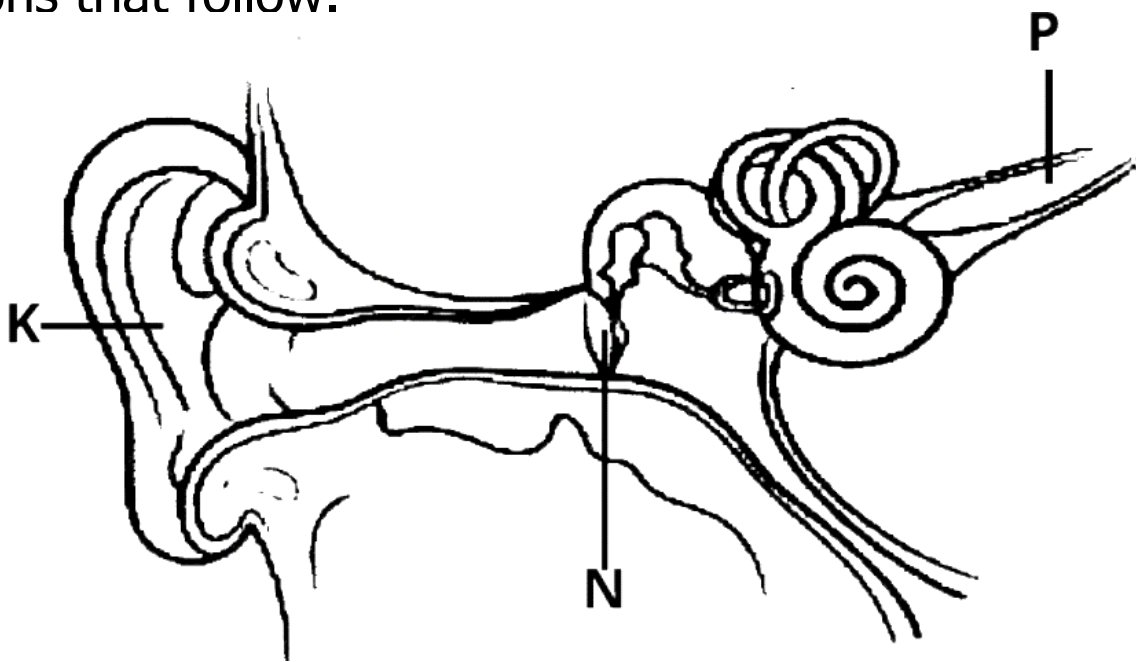
 (d) Give any **one** reason why you would put a tortoise in the column **Q**.

 51. (a) Name the human body organ where;
 (i) Blood filtration occurs
 (ii) Blood oxygenation occurs
 (b) Give the function of the following components of blood in the body;
 (i) White blood cells
 (ii) Blood platelets

52. (a) Name any **two** examples of water borne diseases.
- (i)
- (ii)
- (b) Give any **two** ways in which water borne diseases can be controlled at school.
- (i)
- (ii)



53. The diagram below shows the human ear. Study and use it to answer the questions that follow.



- (a) Name the parts marked **K** and **N**.
- (i) **K** :
- (ii) **N** :
- (b) Give the function of the part marked **P**.
-
- (c) On the diagram above, label the part used for body balance.
54. (a) Write down any **two** activities that an individual can do to promote personal hygiene.
- (i)
- (ii)
- (b) State any **two** practices that can be done to promote sanitation at school.
- (i)
- (ii)

55. At a poultry farm, butterflies move around the bean plant. The farmer grows beans near the chicken houses.

(a) Name the food material butterflies get from the bean plant.

.....

(b) State the benefit of;

(i) a poultry farm to the bean plants.

.....

(ii) Butterflies to bean plants.

.....

(c) Mention any **one** problem that a farmer can face when he releases chickens out of their houses.

.....



