



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

SCIENCE AND TECHNOLOGY

Grade 5 – 2026

LEARNER'S NAME: _____

ASSESSMENT NUMBER: _____ **DATE:** _____

SCHOOL NAME: _____

INSTRUCTIONS TO LEARNERS

1. *This paper consists of **10** questions.*
2. *Answer **ALL** the questions in the spaces provided.*

The grid below to be filled by the teacher after marking the learners' work. During uploading, the teacher to upload the scores per task.

Tasks	Living Things	Matter	Force and Energy
Question Numbers	1 - 4	5 - 7	8 -10
Max. Score	12	10	8
Learner's Score			

This paper has 6 printed pages

TURN OVER

1. The following pictures show plants.

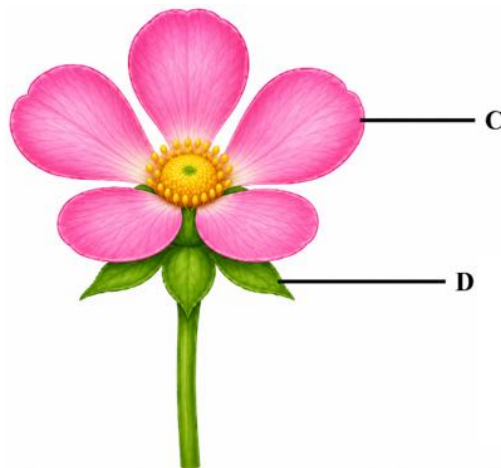


a) Identify the flowering plant. (1 mark)

b) Name a plant that belongs to the same group as plant B. (1 mark)

c) Why is it important to classify plants into groups? (1 mark)

2. The following is a picture of a flower.

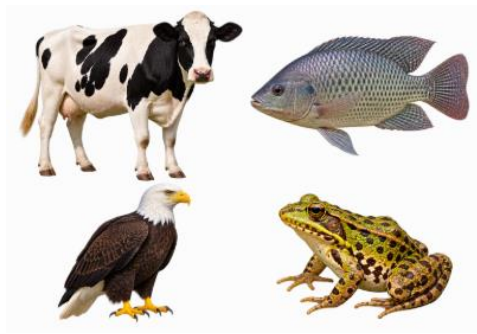


a) State the reason why the part labelled C is brightly coloured. (1 mark)

b) List **one** function of the part labelled D. (1 mark)

c) A learner removes all the flowers from a plant. State what is likely to happen to the plant's production of fruits and seeds. (1 mark)

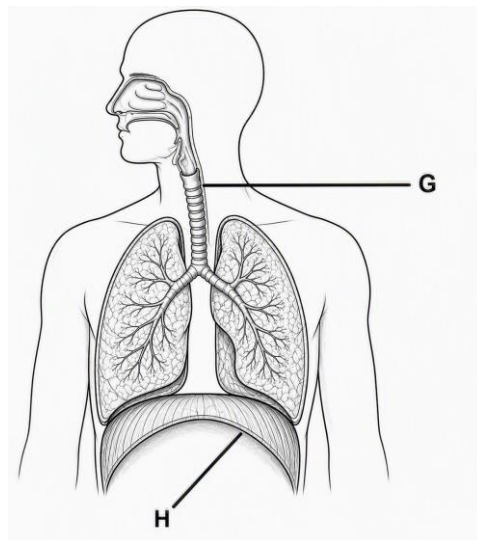
3. The following pictures show different animals.



a) Classify each animal into its appropriate vertebrate group. (1 mark)

b) Explain why a frog can survive both in water and on land. (2 marks)

4. The following picture shows the human breathing system.



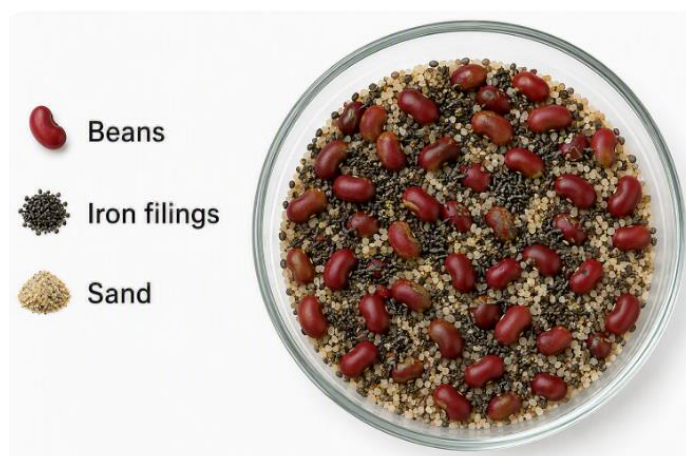
a) A learner says that breathing would still occur normally if part **H** stopped moving.

i. Do you agree with the learner's statement? (1 mark)

ii. Give a reason for your answer. (1 mark)

b) The air passages connected to part **G** became blocked. State how the blockage might affect the person's breathing. (1 mark)

5. The picture below shows a mixture of beans, iron filings, and sand.



a) A learner suggests using a magnet as the first step in separating the mixture.

i. State whether you agree or disagree with the learner's suggestion. (1 mark)

ii. Give a reason for your answer. (1 mark)

b) List the steps to separate the substances completely. (1 mark)

6. The picture below shows a polluted river.



a) i. Identify one observable water pollutant. (1 mark)

ii. State how the pollutant may have entered the water. (1 mark)

b) A community depends on this river for drinking water and fishing. Identify **one** possible effect of the pollution on the community. (1 mark)

c) Suggest **one** way of reducing the water pollution. (1 mark)

7. The following picture shows a simple water filtration setup used to make dirty water clearer.



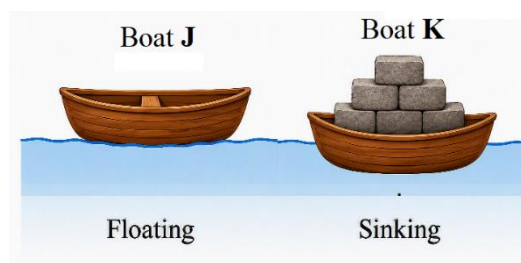
a) Explain how filtering improves water quality. (1 mark)

b) A learner says that filtered water is always safe to drink.

i. Do you agree with the learner? (1 mark)

ii. Give a reason for your answer. (1 mark)

8. The following picture shows two identical boats paced in water.



a) Explain why boat **J** floats. (2 marks)

b) State **one** factor that caused boat **K** to sink. (1 mark)

c) Explain **one** importance of floaters during floods. (1 mark)

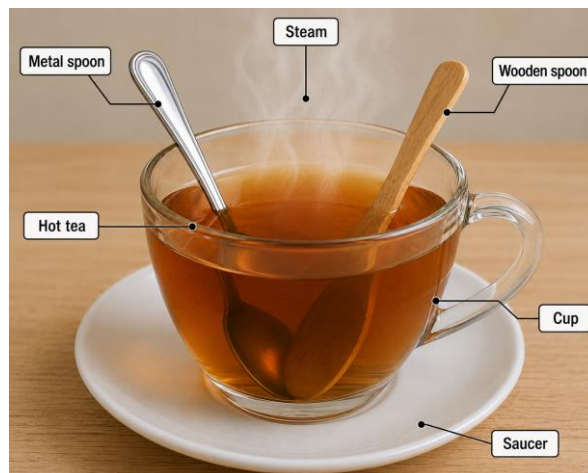
9. The picture below shows a drum being beaten.



a) State how the sound produced will change when the drum is beaten harder? (1 mark)

c) State one possible effect of the sound in (a) on the learners. (1 mark)

10. The following picture shows two spoons placed inside hot tea.



a) Identify the spoon that would be safer to hold after several minutes? (1 mark)

b) Give a reason for your answer. (1 mark)

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