ELIMU254 TOPICAL REVISION

Kenya CBC | Primary School | Grade 6

Name		**Class**	
School		**Year**	

TOPICAL REVISION QUESTIONS

GRADE 6: SCIENCE AND TECHNOLOGY: ALL STRANDS

84 questions in 8 exercises, with all the answers at the back

HOW TO USE THIS BOOK

1. Each subject follows the KICD curriculum design strand by strand. There is one exercise for every sub-strand, in the order it is taught.
2. Do an exercise after the sub-strand is taught, for revision before a test, or as homework and holiday work.
3. Answer in the spaces provided. For a multiple-choice question, circle the letter (A, B, C or D) of the correct answer.
4. The marks for each question are shown in brackets. Show your working where a question needs it.
5. The answers for every exercise are at the back of the book, subject by subject, for the teacher or parent to mark.

SUBJECTS IN THIS BOOK

Subject	Exercises	Questions
Science and Technology	8	84

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SCIENCE AND TECHNOLOGY

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Exercise 3	Human circulatory system	12 q.
Exercise 4	Change of state	10 q.
Exercise 5	Composition of air	10 q.
Exercise 6	Light	10 q.
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Exercise 8	Slopes as simple machines	10 q.

SCIENCE AND TECHNOLOGY

Revision questions

LIVING THINGS AND THEIR ENVIRONMENT

Exercise 1: Fungi (26 marks)

1. Which of these is a fungus? (1 mark)

A A fern **B** A mushroom

C Moss **D** Maize

2. Which fungus makes bread dough rise? (1 mark)

A Mushroom **B** Toadstool

C Bread mould **D** Yeast

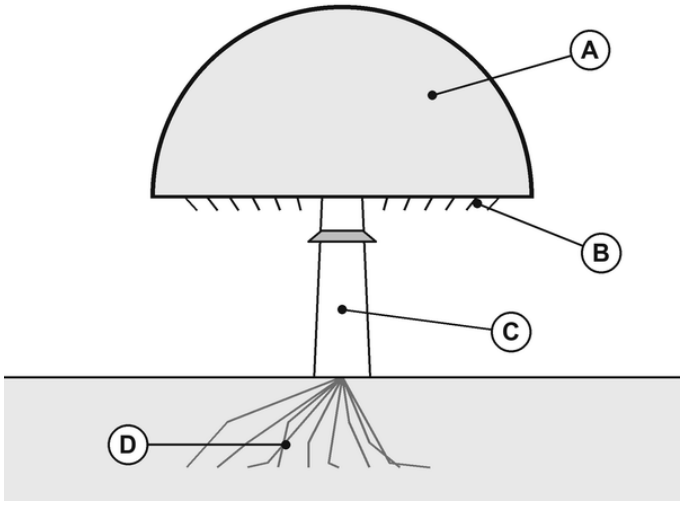
3. Fungi that break down dead plants and animals are called: (1 mark)

A decomposers **B** producers

C pollinators **D** predators

4. Name four common fungi found in the environment. (4 marks)

5. The picture below shows a mushroom growing in the soil.

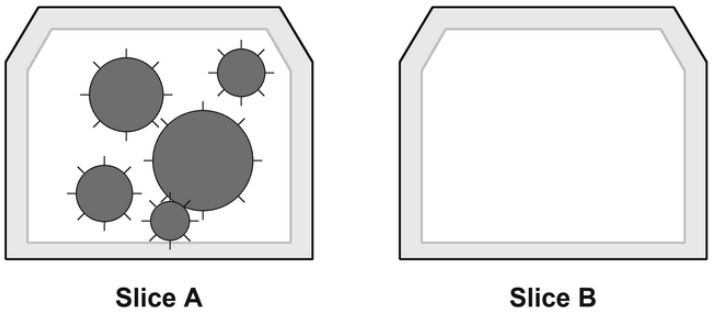


A mushroom

(a) Name the parts marked A, B, C and D. (4 marks)

(b) In which part are the spores made? (1 mark)

6. Two slices of the same bread were kept for five days. Slice A was kept damp and warm. Slice B was kept dry. The picture shows them after five days.



Slices A and B after five days

(a) Which slice grew mould? (1 mark)

(b) Give two conditions that helped the mould to grow. (2 marks)

(c) Give one way of keeping bread from going mouldy at home. (1 mark)

7. Explain how fungi help in nature. (2 marks)

8. Give two ways in which fungi are harmful. (2 marks)

9. State three ways in which fungi are important to the economy. (3 marks)

CHALLENGE: harder questions to stretch the best learners

10. Which statement about mushrooms is TRUE? (1 mark)

A They make their own food by photosynthesis
B They are green plants
C They feed on dead and decaying matter
D All mushrooms are safe to eat

11. Bread left in a warm, damp kitchen grows mould faster than bread kept in a dry, cold fridge. Give two conditions fungi need to grow. (2 marks)

Exercise 2: Invertebrates (29 marks)

1. An invertebrate is an animal that has no: (1 mark)

A legs **B** eyes
C backbone **D** mouth

2. How many legs does an insect have? (1 mark)

A Six **B** Eight
C Four **D** Many

3. Which invertebrate spreads malaria? (1 mark)

A Housefly **B** Tick
C Millipede **D** Mosquito

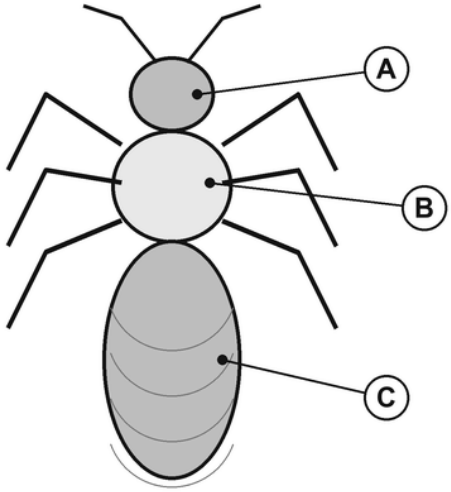
4. Invertebrates are found in many places, even in the sea.

(a) What is an invertebrate? (1 mark)

(b) Name two invertebrates that live in the sea. (2 marks)

5. State three precautions to take when handling invertebrates. (3 marks)

6. The picture below shows an insect seen from above.

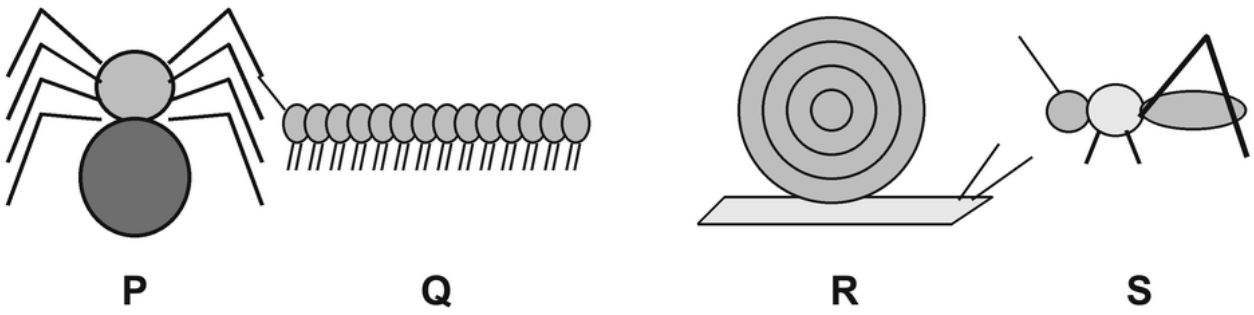


An insect

(a) Name the body parts marked A, B and C. (3 marks)

(b) How many legs does an insect have, and to which body part are they joined? (2 marks)

7. Study the invertebrates P, Q, R and S below.



Four invertebrates

(a) Which one is an insect? Give one reason. (2 marks)

(b) Which one has eight legs? Name the group it belongs to. (2 marks)

(c) Name Q and R. (2 marks)

8. Give two ways in which invertebrates are useful to people. (2 marks)

9. Some invertebrates spread diseases.

(a) Name a disease spread by each of these: a mosquito, a housefly and a tick. (3 marks)

(b) Give one way of controlling mosquitoes at home. (1 mark)

CHALLENGE: harder questions to stretch the best learners

10. Which of these animals is NOT an invertebrate? (1 mark)

A Spider **B** Snail

C Frog **D** Earthworm

11. A spider is not an insect. Give two ways in which a spider is different from an insect. (2 marks)

Exercise 3: Human circulatory system (39 marks)

1. Which part of the circulatory system pumps blood? (1 mark)

A An artery **B** A vein

C A capillary **D** The heart

2. Which blood vessels carry blood back to the heart? (1 mark)

A Arteries **B** Veins

C Capillaries **D** Valves

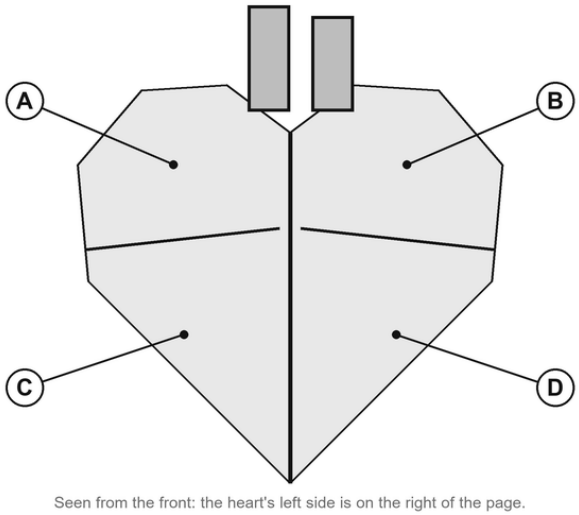
3. Which part of blood helps it to clot? (1 mark)

A Red blood cells **B** Plasma

C Platelets **D** White blood cells

4. Name the three main parts of the human circulatory system and give the work of each. (6 marks)

5. The picture below shows the four chambers of the human heart, seen from the front.



The heart's chambers

(a) Name the chambers marked A, B, C and D. (4 marks)

(b) Which chamber pumps blood to the whole body? (1 mark)

6. Name the three kinds of blood vessels and give the work of each. (6 marks)