



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

SCIENCE AND TECHNOLOGY

Grade 5 - 2023

LEARNER'S NAME: _____

ASSESSMENT NUMBER: _____ DATE: _____

SCHOOL NAME: _____

INSTRUCTIONS TO LEARNERS

1. This paper consists of **17** 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 number of questions correctly scored per task.

Tasks	Living things	Health Education	Environment	Computing Devices	Matter	Force and Energy	Earth and Space
Question Numbers	1 - 5	6-8	9 -10	11 -12	13 - 14	15 - 16	17
Max. Score	7	3	3	3	3	3	3
Learner's Score							

This paper has 7 printed pages

TURN OVER

Answer all the questions

1. The picture below shows a flowering plant.



The importance of the flowering plant that can be seen in the picture is

_____ (1 mark)

2. A Grade 5 learner classified some plants as shown in the table below.

Non-flowering plants	Flowering plants
Ferns	Maize
Pineapples	Bananas
Pines	Grass

Which plant is **not** correctly classified? _____ (1 mark)

3. The picture below shows a fungus growing on a dead log of wood.



The name of the fungus is _____ (1 mark)

4. Grade 5 learners classified the animal in the picture as a vertebrate.



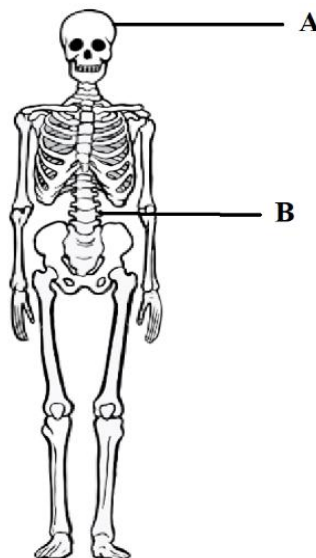
- (a) The reason learners classified the animal as a vertebrate is

(1 mark)

- (b) The animal belongs to the group of vertebrates called

(1 mark)

5. A Grade 5 learner drew the human skeleton with parts labelled **A** and **B** as shown below.



Name the parts labelled:

A _____

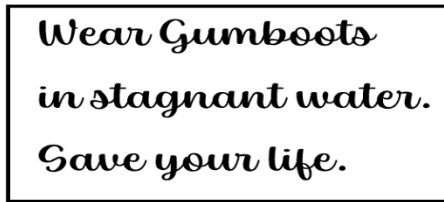
(1 mark)

B _____

(1 mark)

6. A sick person was vomiting, had severe watery diarrhoea and was dehydrated. The person was likely suffering from a disease called _____ (1 mark)

7. The poster below was prepared by learners.



The disease that can be prevented by the message on the poster is _____

(1 mark)

8. While searching for information about internal parasites, a learner came across a parasite shown in the diagram below.



State how the parasite can be prevented from entering the human body.

_____ (1 mark)

9. The drawings below show waste separation litter bins **E** and **F** used in a school for waste collection.



A learner had waste of plastic bottles and banana peelings. Which waste should be put in bin:

E _____ (1 mark)

F _____ (1 mark)

10. A Grade 5 learner made a decoration from waste material as shown in the picture below.



This is an example of managing waste by _____ (1 mark)

11. Grade 5 learners intended to use computers.

State **two** measures the learners should take to ensure their safety when using computers.

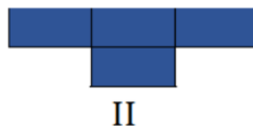
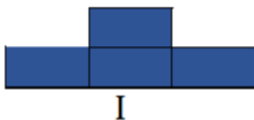
(a) _____ (1 mark)

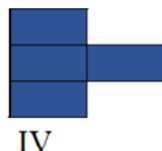
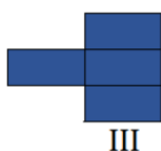
(b) _____ (1 mark)

12. Grade 5 learners used a puzzle game during a lesson on coding as shown.



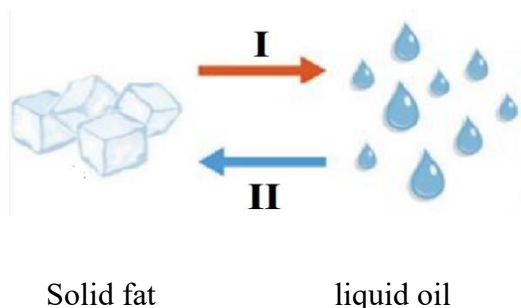
From the blocks numbered I to IV, **tick** the one that can complete the game.





(1 mark)

13. The drawing below shows two processes that take place when cooking fat is heated and then allowed to cool.



Name the processes:

I _____

(1 mark)

II _____

(1 mark)

14. Musa drank fermented milk and concluded that the milk was acidic.

The property of acids that led to this conclusion is _____.

(1 mark)

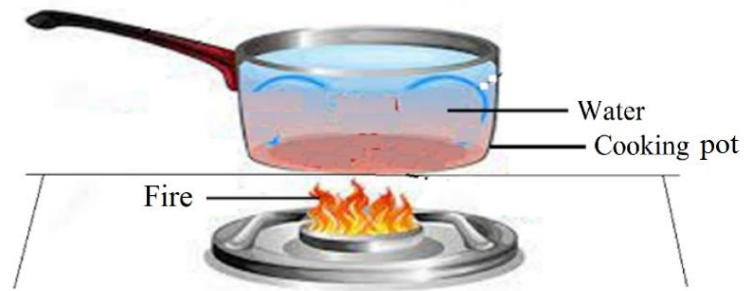
15. The following picture shows a girl skipping a rope.



Write the effect of force of gravity on the girl as she skips the rope.

(1 mark)

16. The picture below shows water being heated in a cooking pot.



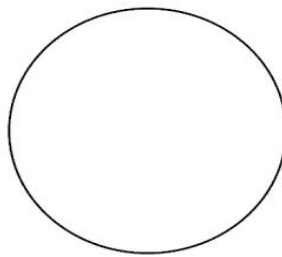
Two ways through which heat reaches the cooking pot are _____ and

_____ (2 marks)

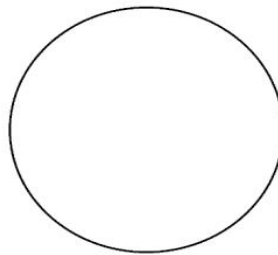
17. Learners were asked to draw phases of the moon.

Complete the drawing to show the following phases:

(a) Last quarter (1 mark)



(b) Waxing gibbous (1 mark)



(c) Full moon. (1 mark)

