

**NATURAL SCIENCES AND TECHNOLOGY PAPER
GRADE 5
JUNE 2024**

EXAMINER:
MODERATOR:

hours

**TOTAL: 50
TIME: 1 ½**

INSTRUCTIONS

1. This question paper exist out six questions.
2. Answer already the questions in this question paper.

QUESTION 1

Each question has four possible answers. Choose the correct answer.

Study the following pictures what the combination of materials portray and answer then Questions 1.1–1.4.



1



2



3



4

- 1.1 Which combination of materials become processed in number 1?
A. Mix and heat
B. Mix, dry and bake
C. Mix and setting
D. Mix and cool (2)
- 1.2 Which combination of materials become processed in number 2?
A. Mix and heat
B. Mix, dry and bake
C. Mix and setting
D. Mix and cool (2)
- 1.3 Which combination of materials become processed in number 3?
A. Mix and heat
B. Mix, dry and bake
C. Mix and setting
D. Mix and cool (2)
- 1.4 Which combination of materials become processed in number 4?
A. Mix and heat
B. Mix, dry and bake
C. Mix and setting
D. Mix and cool (2)
- 1.5 Why is materials processed?
A. For a unique product
B. For a more expensive product
C. For a more durable product
D. To create a worthless products. (2)

[10]

QUESTION 2

Give one word/term for each of the following descriptions:

- 2.1 Living species of which there are only few left, that is in danger and about to die out. (1)
- 2.2 The place in a skeleton where two legs are present. (1)
- 2.3 A small plant that starts to grow. (1)
- 2.4 Changes that takes place in living things. (1)
- 2.5 Organs without which you could not survive, e.g. your heart. (1)

[5]

QUESTION 3

Classify each of the following animals as herbivores, carnivores or omnivorous.



frog



turtle



monkey



seal



kangaroo

(5)
[5]

QUESTION 4

- 4.1 What is a mixture of metals called? (1)
- 4.2 Metals are used very widely in everyday life. Name three common metals that are used in everyday life. (3)
- 4.3 Define plating and give an example of where plating applied. (3)
- 4.4 How much pure metals is magnetic? (1)
- 4.5 What is rust? (1)
- 4.6 Mention one manner on which rust can be prevented. (1)
- [10]**

QUESTION 5

- 5.1 Mention two examples of traditional processing of materials. (2)
- 5.2 Which natural products can be made out of braid- and weaving? (1)
- 5.3 What is traditional customs of clay pots? (3)
- 5.4 Which traditional population group paint their houses full of brightly colored patterns? (1)
- 5.5 What properties of concrete make it suitable for use in the construction of dam walls and pavement? (2)
- 5.6 What does durable mean? (1)
- [10]**

QUESTION 6

6.1 Mention four characteristics of metals, and discuss two of it. (6)

6.2 Which two characteristics of nonmetals is shown below?



(2)

6.3 Does nonmetals conduct electricity? (1)

6.4 In which phase state is metals at room temperature? (1)
[10]

TOTAL: 50