



Noah's Ark Independent Primary School

Subject: NS&T	Examiner: Moyo, S
Type: End of Term Three	Moderator: Rwizi, A
Date: 6 October 2020	Grade: 5-____
Marks: 40 Marks	Time: 1 hour 15 minutes

Name: _____

Instructions:

Answer ALL the questions in the spaces provided.

Write neatly and legibly

Carefully read all questions before answering

Section A

1. Match the words in column A with their meanings in column B. (5)

Column A	Answer	Column B
A. Fossil fuels		1.1 Electricity from power stations
B. Terminals		1.2 Group of cells
C. Electrical energy		1.3 Input energy for an electrical system
D. Mains electricity		1.4 Stored energy mined from the Earth's crust
E. Battery		1.5 Ends of a cell or battery

2. Complete the following sentences. (2)

2.1 Energy is stored in _____

2.2 Energy can be stored in a _____ spring.

3. Describe the energy changes that occur when an elastic band is stretched. Use the terms input and output energy. (3)

4. Complete the burning triangle. (3)



5. When wood on the fire burns away the fire dies out. Why does this happen? (1)

6. A pile of wood does not give off any heat. Explain. (2)

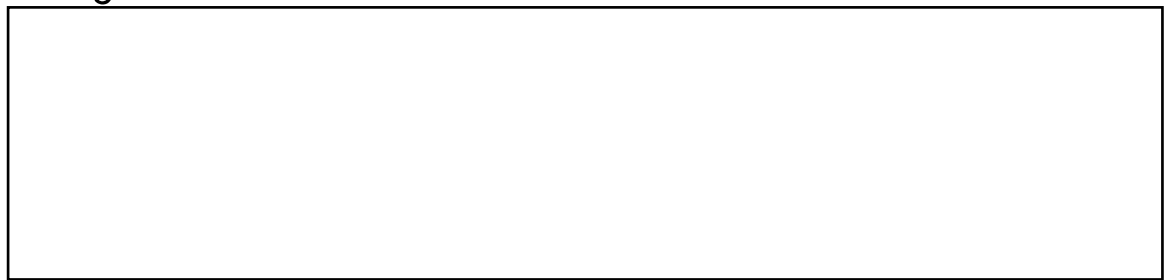
7. Describe how electricity gets from the power station to our homes. (1)

8. Suggest three things that a person should do when an electrical fire starts in a house. (3)

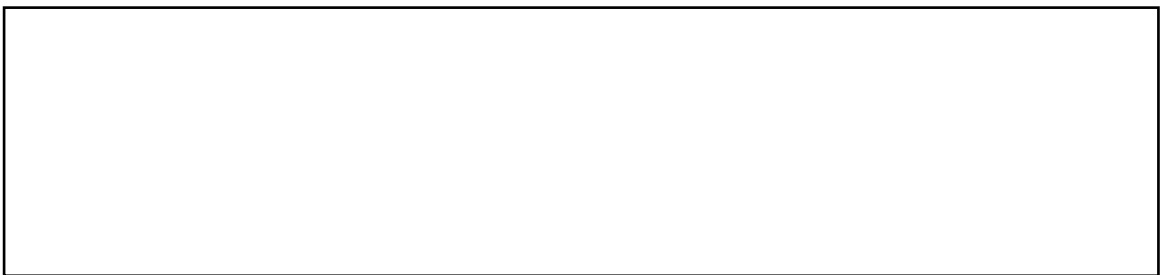
Section B:

1. Describe the following ways of processing grass and reeds. Use drawings to explain the concepts. (7)

1.1 Coiling



1.2 Weaving



1.3 Plaiting



2. Choose between the words provided in brackets. (3)

2.1 When a hot jelly mixture cools down. (runny / stiff)

2.2 When we mix flour and water to be (runny / paste) the product can be used as glue.

2.3 Plaster of paris (sets and becomes hard / dissovles and becomes runny) when we mix it with water.

3. What metal would be best to make the following items? (3)

3.1 Necklace: _____

3.2 Roof sheets: _____

3.3 Electric wire: _____

4. Write down four ways to prevent a metal from rusting. (4)

5. A group of learners left a piece of wire and a nail in a jar of water. Three days later they found that the nail had a reddish-brown powder on it. The wire did not change colour.

5.1 Suggest a reason why the wire did not change colour. (3)

____ / 40 Marks