



**Subject:** Grade 4 Natural Sciences

**Topic:** Living and non-living things

**Total:** 32 Marks

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1. transpiration 3 marks

**Explanation:**

Transpiration is very similar to when a human sweats.

When humans sweat we call it perspiration.

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2. true 2 marks

**Explanation:**

They react to change in their environments and adapt accordingly.

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3. A: a living thing 4 marks

**Explanation:**

A seed appears to be non-living during its dormant stage. However it is living and germinates under the right conditions.

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4. living | non-living 4 marks

**Explanation:**

All animals and all plants carry out all the seven life processes. They are referred to as living things.

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5. false 2 marks

**Explanation:**

All living things carry out all of the seven life processes. One of the life processes is growth.

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6. D: living. 4 marks

**Explanation:**

An earthworm is a living creature which requires food, water and oxygen. It grows and reproduces.

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7. A: fire, rivers and rocks 4 marks

**Explanation:**

Non-living things do not carry out all the seven life processes. Fruit, plants and cats are all living things.

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8. D: living.

4 marks

**Explanation:**

A bird is a living creature as it reproduces and grows. It needs food, water and oxygen to survive.

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9. true

2 marks

**Explanation:**

Leather comes from the skin of an animal. Animals are living and their body covering grows as they grow, therefore leather was once living.

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10. reproduction | reproducing

3 marks

**Explanation:**

Chickens lays eggs to produce more chickens. This is a form of reproducing.

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