**S.1 BIOLOGY EXAM 2017**

**NAME:……………………….………………………………**

**Instructions**

1. Attempt all questions in the spaces provided.
2. Duration: 11/2 hours
   * + 1. What is biology?

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* 1. Give five reasons why we study biology.
     1. ………………………………………………………………………………………………………………………….
     2. ………………………………………………………………………………………………………………………….
     3. ………………………………………………………………………………………………………………………….
     4. ………………………………………………………………………………………………………………………….
     5. ………………………………………………………………………………………………………………………….

2. Define the following terms;

i). Zoology: ………………………………………………………………………………………………………………..

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ii). Pathology: ……………………………………………………………………………………………………………

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iii). Entomology:………………………………………………………………………………………………………….

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iv). Morphology:………………………………………………………………………………………………………..

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v). Genetics:……….……………………………………………………………………………………………………..

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Vi). Taxonomy:…………………………………………………………………………………………………………..

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1. a. What is a living thing?

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b. Give six (6) characteristics of living things.

* + 1. ………………………………………………………………………………………………………………………….
    2. ………………………………………………………………………………………………………………………….
    3. ………………………………………………………………………………………………………………………….
    4. ………………………………………………………………………………………………………………………….
    5. ………………………………………………………………………………………………………………………….
    6. ………………………………………………………………………………………………………………………….

c. State any three (3) differences and similarities of plants and animals

Differences:

1. …………………………………………………………………………………………………………………………….

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1. …………………………………………………………………………………………………………………………….

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Similarities:

1. …………………………………………………………………………………………………………………………….

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1. …………………………………………………………………………………………………………………………….

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1. …………………………………………………………………………………………………………………………….

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1. What is the function of the following cell
   * 1. Red blood cell: ……………………………………….………………………………………………………….
     2. White blood cell…………………………………………………………………………………………………
     3. Muscle cell…………………………………………………………………………………………………………
     4. Nerve cell…………………………………………………………………………………………………………..

**….END….**

**\*\*\*\*SUCCESSS\*\*\*\***