**BIOLOGY, FORM 2**

**TERM I 2016, OPENER EXAM**

**NAME………………………………………………………..................ADM. NO………………**

***Instruction:*** Answer all the questions in the space provided

1. Tabulate the differences between plants and animals (2mks)
2. Name two careers that one can pursue after learning biology (2mks)
3. Name the five taxonomic units of classification starting from the largest to the smallest ($2\_{2}^{1}mks)$
4. List three precautions taken when handling a microscope ($1\_{2}^{1}$mks)
5. State the roes of the large intestine (2mks)
6. What are the common sources and roles of the following vitamins

Vitamin A (2mks)

Source

Roles

Vitamin K (2mks)

Source

Roles

1. Differentiate between the following
2. Autotrophism (1mk)
3. Heterotrophism (1mk)
4. What are the products of the
5. Light stage of photosynthesis (2mks)
6. Dark stage of photosynthesis (2mks)
7. Define each of the following terms
8. Hypotonic (1mk)
9. Isotonic (1mk)
10. Hypertonic (1mk)
11. Name three properties of a cell membrane (3mks)
12. What is the function of (3mks)
13. Ribosomes
14. The nucleus
15. Mitochondrion
16. Name two structures present in a plant cell but absent in an animal cell. (2mks)