**ILMI BLOG.COM FSC 1ST YEAR BIOLOGY CHAPTER 1 TEST**

**STUDENT NAME-------------------------- ROLL # ------------------------------- DATE: / /**

**Class 1 year Chapter 1 T. Marks: 40 Subject Chemistry Time 45 min Obtain marks------------------**

**Q # 1 encircle the correct option 1\*10=10**

1. The branch of biology that deal with the study of fossils is called: A) Histology B) Zoology C) Sociology D) Paleontology
2. Host parasite relationship are studied in: A) Microbiology B) Parasitology C) Biotechnology D) None
3. In human body, six bio element account for ------ % of total mass: A) 90 % B) 99.99 % C) 99 % D) 1 %
4. Which of the following Bio element are in trace amount: A) K B) Na C) Zn D) Mg
5. The Bio element that make most of the body mass: A) Oxygen B) Hydrogen C) Carbon D) Nitrogen
6. Tentative explanation of observation is called: A) Deduction B) Hypothesis C) Experiment D) Theory
7. Which type of reasoning move from specific to general: A) Inductive B) Deductive C) Both D) None
8. ------ is a uniform or constant fact of nature: A) Theory B) Law C) Hypothesis D) Deduction
9. The technique pasteurization is developed by: A) McCarty Pasteur B) Robert Koch C) Locus de Broglie D) None
10. Vaccination techniques was developed in ------- A)1976 B) 1967 C) 1969 D) 1997

**Q # 2: Short Question 10 \* 2= 20**

1. Write five characters of living organisms.
2. Define Biotechnology.
3. Differentiate between qualitative and quantitative observation.
4. Write characteristic of good theory.
5. Define integrated disease management.
6. What are hydroponic culture techniques?
7. Define cloning and give example.
8. Write five method of form hypothesis.
9. Differentiate between deductive and inductive reasoning.
10. Define environmental biology with example.

**Q # 3 Long Questions 2\* 5 =10**

1. Explain drug treatment or gene therapy.
2. Explain the role of Biology in the service of mankind.