



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Fourth Semester – 2020

Paper: Science (Basic)

Course Code: EDE-110 Part-I (Compulsory)

Time: 15 Min. Marks: 10

Roll No. in Fig.

Roll No. in Words.

Signature of Supdt.:

ATTEMPT THIS PAPER ON THIS QUESTION SHEET ONLY.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Q.1. Encircle the right answer cutting and overwriting is not allowed. (10x1=10)

1. The study of life is called

- (a) Botany (b) Zoology (c) Biology (d) Ecology

2. Pond is a type of

- (a) Ecosystem (b) Fresh water ecosystem (c) Marine ecosystem (d) Terrestrial ecosystem

3. _____ is the study of nature and properties of matter and energy

- (a) Biology (b) Chemistry (c) Physics (d) Math

4. In a food chain these produce food

- (a) Producers (b) Consumers (c) Decomposers (d) Fungi

5. It is a physical property of matter

- (a) Taste (b) Smell (c) Density (d) oxidation

6. It is the pure form of the matter

- (a) Element (b) Molecule (c) Mixture (d) Compound

7. The flow of charges is known as

- (a) Circuit (b) Voltage (c) Current (d) Ampere

8. It is the basic unit of life

- (a) Molecule (b) Tissue (c) Organ (d) Cell

9. The smallest particle of an element is

- (a) Element (b) Molecule (c) Atom (d) Compound

10. The living place of a living organism is known as

- (a) Ecosystem (b) Habit (c) Habitat (d) Pools



ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q # 2 Write short answers to the following: (10x2=20)

1. Define the term habitat.
2. What is meant by the term classification.
3. Explain the term respiration.
4. Define any two branches of science.
5. Define photosynthesis.
6. Differentiate between melting and boiling point.
7. Explain a chemical change.
8. Define radioactivity.
9. Differentiate movement and motion.
10. Differentiate atoms and molecules.

Answer the following questions. (3x10=30)

- Q.NO.3:** Write note on Systems of classification 10
- Q.NO.4:** (a) Explain electromagnetism. 05
- (b) Write brief notes on water uptake and transportation. 05
- Q.NO.5:** Discuss in detail physical properties of matter. 10