

# RAWALPINDI BOARD

Biology (New Scheme)

SSC (Part-I)

Time: 1:45 Hours

(Session: 2023)

Class-9th

(SUBJECTIVE)

(Group-I / A-2023)

New Scheme

Marks: 48

**Note: Section I is compulsory. Attempt any Two questions from Section II (subjective part)**

## SECTION-I

- 2. Write short answers of any Five parts. (5 x 2 = 10)**
- Define community with one example. Ch. # 1
  - Differentiate between micro molecules and macro molecules. Ch. # 1
  - Write down the important contributions of Abdul Malik Asmai in biology. Ch. # 1
  - Define bioinformatics. Ch. # 2
  - How welts appear when mosquito bites? Ch. # 2
  - Differentiate between qualitative and quantitative observations. Ch. # 2
  - What is plasmodesmata? Ch. # 4
  - Write down two functions of phloem tissue. Ch. # 4
- 3. Write short answers of any Five parts. (5 x 2 = 10)**
- Define biodiversity? Ch. # 3
  - Write a note on three Kingdom classification. Ch. # 3
  - What happens in S-Phase of cell cycle? Ch. # 5
  - Differentiate between somatic and germ line cells? Ch. # 5
  - Define synapsis. Ch. # 5
  - How phragmoplast does form in cytokines is? Ch. # 5
  - Define photo systems. Ch. # 7
  - Differentiate between aerobic and anaerobic respiration. Ch. # 7
- 4. Write short answers of any FIVE parts. (5 x 2 = 10)**
- Write any two uses of enzymes. Ch. # 6
  - Define (optimum temperature). Ch. # 6
  - Differentiate between intracellular and extracellular enzymes. Ch. # 6
  - Define saturated fatty acids. Ch. # 8
  - Which diseases occur due to lack of vitamin "C" and "D". Ch. # 8
  - Define Leukemia (blood cancer). Ch. # 9
  - What is heart rate and pulse rate? Define. Ch. # 9
  - Define Leukocytes. Ch. # 9

## SUBJECTIVE PART-II

**Attempt any two questions.**

- 5. (a) Explain molecular and tissue level. Ch. # 1**  
**(b) Describe the structure and function of Ribosomes with diagram. Ch. # 4**
- 6. (a) Write down the characteristics of five kingdoms of organisms. Ch. # 3**  
**(b) Write summary of events of light reactions. Ch. # 7**
- 7. (a) Write down any five nutrients role in the life of plants in detail. Ch. # 8**  
**(b) Describe factors which affect the rate of transpiration. Ch. # 9**