

# RAWALPINDI BOARD

Biology (New Scheme)

SSC (Part-II)

Time: 1:45 Hours

Note:

Class-10th

(SUBJECTIVE)

(Group-I / A-2022)

New Scheme

Marks: 48

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

## SECTION-I

2. Write short answers of any Five parts. (5x2 = 10)

Define bronchioles.

What is pneumonia? Write its symptoms.

What are the effects of smoking on lungs?

Define excretion.

Define Xerophytes.

What is Myopia?

Define mid brain.

What is the concentration of glucose per 100ml of blood?

3. Write short answers of any Five parts. (5 x 2 = 10)

Write any two causes of osteoporosis.

Name any two wind pollinated flowers.

What is meant by theory of special creation?

Differentiate between asexual and sexual reproduction.

What are traits? Give an example.

State the definition of law of independent assortment.

Differentiate between compact bone and spongy bone?

Differentiate between homozygous and heterozygous genotypes.

4. Write short answers of any FIVE parts. (5x2 = 10)

Draw a food chain of grassland ecosystem.

What is industrial nitrogen fixation?

Write two effects of global warming.

What is temporary parasitism? Give two example.

Write uses of formic acid.

Why does society dislike a drug abuser?

Differentiate between analgesic and antibiotic.

Define biotechnology and give an example of old biotechnology.

## SUBJECTIVE PART-II

Note: Attempt any two questions. (9x2=18)

5.(a) What is functional unit of kidney? Describe its structure.

(b) Describe the types of joints and give examples.

6.(a) Briefly describe neuron and describe their types on the basis of their functions.

(b) Describe any four ways of natural vegetative propagation in plants.

7.(a) Define fermentation and write a detailed note on its different types.

(b) Write a detailed note on the mode of action of vaccines.