Faisalabad Board 2017 (First Group)

Roll No.(in figures): ..... (in words): .....

Maximum Marks: 48 **(SUBJECTIVE TYPE)** Time Allowed :1.45 Hours

PART - I

Q2. Write short answers to any FIVE (5) questions: (5×2=10)

(i) Write down the names of groups of biomolecules and give example.

(ii) Write uses of mustard plant.

(iii) Write down two controls of Malaria.

(iv) Give two examples of qualitative and quantitative observations.

(v) Give simple classification of pea.

(vi) Briefly introduce the Houbara Bustard and Marco Polo sheep.

(vii) Differentiate between hypertonic and hypotonic solution.

(viii) Define magnification and resolution.

Q3. Write short answers to any FIVE (5) questions: (5×2=10)

(i) Define the term chiasmata.

(ii) What is necrosis? Write down its two causes.

(iii) Write down the importance of G1 phase.

(iv) Describe the use of enzymes in food industry.

(v) Define the term enzymes and substrate.

(vi) What is meant by photo systems?

(vii) Define the term limiting factors in photosynthesis. Also give examples.

(viii) Differentiate between anaerobic and aerobic respiration.

Q4. Write short answers to any FIVE (5) questions: (5×2=10)

(i) What is stomach? Where does it locate?

(ii) Enlist preventive measures to save from Ulcer.

(iii) Name the major causes of famine.

(iv) What is the role of calcium and magnesium in plants life?

(v) What is angina pectoris? Write its symptoms.

(vi) Define pericardial fluid and write its function.

(vii) Why blood group "O" is called universal donors?

(viii) Write the symptoms of dengue fever.

PART - II

Note: Attempt any TWO questions. (2×9=18)

Q5. (a) Write a note on frog. 4

(b) Write detail of nucleus. 5

Q6. (a) Descrieb the mechanism of enzyme action with the help of two models. 4

(b) Describe the importance of fermentation. 5

Q7. (a) Write a note on dietary fibre. 4

(b) Write a note on transport of food in plants. 5