

# B.B.M. COLLEGE, BALIAPUR, DHANBAD

Internal Exam – 2024

## SEMESTER – I to IV

### Special Exam

Class – B.Sc. (Zoology)  
Sub. – GE Paper -II

Time –  
F.M. – 20 each Sem.

### SEMESTER – I

#### Answer any two question

Time – 1 Hr

F.M. - 20

1. Describe the general character and classification of phylum protozoa.
2. What is retrogressive metamorphosis? Explain it.
3. Give a comparative account of heart in vertebrate series.

#### **Practical-**

Nervous system of palamom.

### SEMESTER – II

#### Answer any two question

Time – 1 Hr

F.M. - 20

1. Describe the Str. and function of Mitochondria .
2. Discuss the Mendel's law of inheritance .
3. What is cell Cycle. Explain the Mitosis cell division .

#### **Practical-**

Preparation of stained squash of onion root tip to demonstrate mitosis.

### SEMESTER – III

#### Answer any two question

Time – 1 Hr

F.M. - 20

1. Discuss the Glycolysis
2. Describe the Thyroid gland with diagram.
3. Explain the different types of placenta.
4. Write in details about Fertilization.

#### **Practical-**

Determination of bleeding and clotting time.

### SEMESTER – IV

#### Answer any two question

Time – 1 Hr

F.M. - 20

1. what is Bio-Geochemical cycle? Explain the water cycle.
2. Differentiate between renewable and non-renewable source of Energy.
3. Explain any two-
  - I. Food chain.
  - II. Food web.
  - III. Natality.
  - IV. Density.

#### **Practical-**

Estimation of dissolved oxygen.