

**PRACTICAL III**  
**ANIMAL PHYSIOLOGY, DEVELOPMENT BIOLOGY and BIOTECHNOLOGY**

Time: 3 hrs

Maximum-**60 Marks**

**I MAJOR PRACTICALS** **-25Marks**

Human Salivary Amylase in Relation of pH.

Human Salivary Amylase in Relation to Temperature.

Estimation of Oxygen Consumption in a Fish.

Detection of Nitrogenous Waste Products

**II MINOR PRACTICALS.** **-10Marks**

X. Chick Embryonic stages (4 Marks)

Y. Biotech Instrument (3 Marks)

Z. Physiology Instrument (3 Marks)

**III. SPOTTERS (5x3)** **-15 Marks**

A. Mammalian Gamete

B. Egg Types.

C. Cleavage, Blastula, Gastrula of Frog egg

D. Types of Placenta

E. Biotech-spotters-Blotting/PCR/Electrophoresis

**IV. RECORD** **-10Marks**