

**DIBRUGARH UNIVERSITY**  
**DIBRUGARH, ASSAM**

**ZooMP- 506: Practical based on ZooMT- 505**

**Marks: 8 (IA) + 32 (End Sem) = 40**  
**20 lecture hours**

1. Estimation of the size of the population by capture-recapture method (any vertebrate/invertebrate).
2. Find out the abundance and density of insect pests in some essential food commodities.
3. Determination of dissolved Oxygen/CO<sub>2</sub> /Alkalinity in the water samples.
4. Find out the abundance and densities of terrestrial invertebrates/macrophyte associated fauna by Quadrature method.
5. Study of structural components of an aquatic/ grassland ecosystem
6. Field study: To visit a National park/ Wildlife Sanctuary to study the habitat/ forest types and prepare a full note on it.

**SCHEME OF THE PRACTICAL EXAMINATION:**

**Time: 4 hrs.**

1. Ecological experiment	8
2. Estimation	7
3. Field study	7
4. Practical record book	5
5. Viva voce	5
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