

**SAVITRIBAI PHULE PUNE UNIVERSITY**  
**F.Y.B.Sc. Practical Examination- Skeleton Paper**  
**Zoology Practical Paper (Credits: 1.5)**  
**Choice Based Credit System-2019 Pattern**

**Course Code:ZO-113**

**Time:3.00 hrs.**

**Semester:I**

**Max. Marks:35**

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- Q.1 Identification: (10)
- a) Identify, classify and describe (Protozoa to Porifera).
  - b) Identify, classify and describe (Cnidaria to Platyhelminthes).
  - c) Identify and comment (any one from practical No.5).
  - d) Identify, sketch and label/ Identify and describe (Any one slide from practical No. 6).
- Q.2 Identify the given specimen with the help of taxonomic identification key. (05)
- Q.3 Estimate Dissolved oxygen/ Alkalinity/ Carbon dioxide from given water sample. (08)
- Q.4 Identify the faunal organisms from given freshwater sample, sketch, label and comment on it. (07)

**OR**

Estimate the water holding capacity of given soil sample. Comment and find out the type of soil sample.

**OR**

Determine the density, frequency and abundance of species by quadrat method from the given data.

- Q.5 Certified Journal, Tour/ field report and Viva- voce. (05)

**Examiner**

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