



QP CODE: 23104659



23104659

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE
EXAMINATIONS, FEBRUARY 2023
First Semester**

B.Sc Biological Techniques and Specimen Preparation Model III

**Core Course - ZB1CRT03 - COLLECTION AND PRESERVATION OF BIOLOGICAL
SPECIMEN 2 (ANIMALS)**

2017 Admission Onwards

F7696148

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What are the collection sites of hydra?
2. Fixative used in phylum annelida.
3. What are the collection site of octopus.
4. What is dip net?
5. What is stuffing?
6. What is spicules?
7. Define rabditiform larva.
8. What is chrysalis?
9. Define maceration in bones.
10. Define cryostat.
11. Define quadrat.
12. Difference between clumped and uniform dispersion pattern.

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Describe how freshwater protozoans can be collected and preserved for long term preservation.
14. Describe the life cycle of mollusca that you have studied
15. Describe the narcotizing and liquid preservation of sea stars.
16. Describe the collection technique of mammals.
17. Describe the life cycle of coelenterata that you have studied.
18. Describe the collection and preservation of spiders.
19. Describe the life cycle of any representatives of Hemichordata.
20. Briefly describe the dermestid technique.
21. Describe the principle and procedure of alizarin preparation of specimens.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain the collection and preservation of phylum platyhelminthes.
23. Describe the life cycle of any representatives of phylum platyhelminthes.
24. Explain the procedure of taxidermy of birds.
25. Describe some of the human made causes of habitat fragmentation.

(2×10=20)

