



QP CODE: 23104758



Reg No : .....

Name : .....

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

**First Semester**

B.Sc Botany and Biotechnology Model III Double Main

**Core Course - BO1CRT14 - OPERATING SYSTEM AND OFFICE AUTOMATION**

2017 Admission Onwards

0BBA057D

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

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

1. Define ALU.
2. Explain accumulator registers.
3. Define RAM.
4. Explain super computers.
5. What is print preview facility?
6. Define boot virus.
7. Explain router.
8. Explain WiMAX.
9. Explain list.
10. What is a micro flowchart?
11. Explain relational database model.
12. What is biological database?

(10×1=10)

**Part B**

*Answer any **six** questions.*

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





13. Write short notes on Tablet PC,PDA,Notebook and Laptop.
14. What is swapping? How does it help in memory management?
15. What is a word-processing package? Write the key features supported by the word processing package.
16. Explain viruses and its types.
17. What are the main symptoms of viruses? How can we take precautions against viruses?
18. Explain the features of twisted pair cable.
19. Explain search engines and major elements of search engines.
20. Differentiate sequential and direct and indexed sequential file organization methods.
21. What is SQL? How it is useful?

(6×5=30)

### **Part C**

*Answer any **two** questions.*

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

22. Explain the generations of computer in detail.
23. Explain some popular operating system in detail.
24. Explain wireless network, its types, issues and applications.
25. What are the ways that we commonly used to represent algorithm?

(2×10=20)

