

QP CODE: 19103045



Reg No :

Name :

B.Sc.DEGREE (CBCS) EXAMINATION, NOVEMBER 2019

First Semester

B.Sc. Physics Model II Computer Applications

**Vocational Course - CA1VOT01 - COMPUTER SCIENCE - COMPUTER
FUNDAMENTALS**

2017 Admission Onwards

EF2E7541

Time: 3 Hours

Maximum Marks :80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Differentiate data and information
2. Write four capabilities of a computer
3. What are super computers?
4. What are the components of a CPU?
5. Convert $(4706)_8 = (\dots\dots\dots)_{10}$
6. Perform hexadecimal addition $1DA0 + 8BE7$
7. What is an inkjet printer?
8. What is a RAM? What are its types?
9. What are direct access devices?
10. Name any two utility software
11. What is Proprietary software?
12. What is flow chart?

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. What are the purposes of a digital computer?





14. Explain how computers are classified based on their processing capabilities
15. Differentiate ASCII and EBCDIC codes
16. Explain the rules for BCD addition. Give example
17. Write short notes on different types of mouse?
18. Write a note on Graphic tablet
19. Write short notes on different types of monitors
20. Explain the term System software with examples
21. What are computer languages? Explain

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. What are the different generations of computers? Explain
23. Discuss about basic organization & working of a computer
24. Discuss about dot-matrix printers, drum printers and laser printers
25. Explain the different types of software with examples

(2×15=30)

