



QP CODE: 19102441



Reg No : .....

Name : .....

**UNDERGRADUATE (CBCS) EXAMINATION, OCTOBER 2019**

**Fifth Semester**

(Offered by the Board of Studies in Physics)

**Open Course - PH5OPT03 - COMPUTER HARDWARE AND NETWORKING**

2017 Admission Onwards

E402F853

Maximum Marks: 80

Time: 3 Hours

**Part A**

*Answer any **ten** questions.*

*Each question carries 2 marks.*

1. Write a short note on Pentium microprocessor.
2. What do you mean by expansion buses?
3. What do you mean by EPROM?
4. Define data storage device.
5. Write the full form of IDE and SCSI.
6. What are optical storage devices?
7. Name all the pointing and positioning devices.
8. Define scanner.
9. Define multimedia.
10. Define audio.
11. Define power supply.
12. What is the full form of UPS?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries 5 marks.*

13. Briefly explain the components of a motherboard.
14. Discuss how you can configure a new motherboard in computer.





15. Write about troubleshooting memory.
16. Briefly explain about Hard Disk Drive.
17. Briefly explain about CD ROM Drive.
18. What is printer? Explain the working of the printer with the help of a block diagram.
19. What is monitor? What are the different types of monitors available.
20. Discuss about I/E add ons.
21. What are the advantages of networks?

(6×5=30)

### Part C

*Answer any **two** questions.*

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

22. What is BIOS? Explain BIOS Configuration.
23. Discuss about keyboard and its different types.
24. What are the steps to install Linux in a PC which does not contain any operating system?
25. Explain the installing procedures for the following:- a) VISUAL BASIC b) C c) PASCAL d) ORACLE.

(2×15=30)

