

QP CODE: 25011172



Reg No : .....

Name : .....

**UNDER GRADUATE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS,  
FEBRUARY 2025**

**Fifth Semester**

(Offered by the Board of Studies in Electronics )

**OPEN COURSE - EL5OPT01 - COMPUTER ASSEMBLING**

2022 Admission Only

B87DEF2E

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

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

1. What is the application of light pen?
2. Write any two demerits of dot matrix printer.
3. Explain the use of a CMOS battery.
4. Why do we need coprocessor?
5. Define motherboard form factor.
6. Write down examples of expansion slots.
7. In which hardware BIOS programmes are stored?
8. What are the types of BIOS upgradations?
9. What is memory?
10. What are the advantages of SRAM?
11. What are the commonly used Hard disk interface methods?
12. What are the components in DOS OS?

(10×2=20)

**Part B**

*Answer any **six** questions.*

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

13. Explain the classification of computers on the basis of types of data used.





14. Explain the classifications of computers according to the applications.
15. What are the common types of sockets used for processors?
16. Write note on any four most popular types of motherboard form factors.
17. Explain the features of PCI Bus.
18. Explain about the programs in BIOS.
19. What is add on card ? Explain any one.
20. Explain how a partitioning will improve memory utilization.
21. Explain different types of operating system.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

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

22. Explain in detail, the different types of output devices used with PC.
23. Explain with block diagram the north bridge -south bridge chipset architecture and its functions.
24. Describe the concept of ROM BIOS and POST.
25. Describe the read / write process of optical storage devices.

(2×15=30)

