



QP CODE: 19102595

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UNDERGRADUATE (CBCS) EXAMINATION, OCTOBER 2019

Fifth Semester

(Offered by the Board of Studies in Electronics)

Open Course - EL5OPT01 - COMPUTER ASSEMBLING

2017 Admission Onwards

7370465F

Maximum Marks: 80

Time: 3 Hours

Part A

Answer any ten questions.

Each question carries 2 marks.

- 1. What is digital and analog computers?
- 2. List any four switches used in a computer
- 3. What do you mean by output devices?
- 4. Why do we need coprocessor?
- 5. Which form factor support soft power on/ power off?
- 6. Name any two keyboard and mouse connectors
- 7. What is BIOS?
- 8. What is firmware?
- 9. What is memory?
- 10. Explain EDO RAM
- 11. What is memory refreshing?
- 12. What are the components in DOS OS?

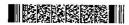
 $(10 \times 2 = 20)$

Part B

Answer any six questions.

Each question carries 5 marks.

13. Explain the working principle of optical mouse



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Turn Over



- 14. Write note on various types of UPS
- 15. Explain any two processor packages
- 16. Explain any three system component in a motherboard
- 17. Explain North bridge / South bridge architecture
- 18. Explain how the BIOS is upgrading and explain the advantages
- 19. What is formatting? Explain high level and low level formatting method
- 20. Explain how a data is stored in CD /DVD Drive
- 21. Explain different types of operating system

 $(6 \times 5 = 30)$

Part C

Answer any two questions.

Each question carries 15 marks.

- 22. Explain in detail, the different types of monitors used with PC
- 23. Explain the different IO buses in a motherboard
- 24. Explain in detail the BIOS upgradation methods
- 25. Explain different types of memory modules

 $(2 \times 15 = 30)$

