19102595

Reg No   : ....

Name   : ....

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?

                                                                (10×2=20)

Part B

Answer any six questions.

Each question carries 5 marks.

13. Explain the working principle of optical mouse

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

(6×5=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

(2×15=30)