QP CODE: 20100196

Reg No   :   ....

Name   :   ....

UNDERGRADUATE (CBCS) EXAMINATION, FEBRUARY 2020

Fifth Semester

(Offered by the Board of Studies in Electronics)

Open Course - EL5OPT01 - COMPUTER ASSEMBLING

2017 Admission Onwards

D520F103

Time: 3 Hours   Maximum Marks :80

Part A

Answer any ten questions.

Each question carries 2 marks.

1. What are super computers?

2. Write two examples of impact printer.

3. Name different types of scanners.

4. Memorize the features of AMD's Duron processor.

5. Write some difference between AT and ATX form factors.

6. What you mean by a chipset?

7. What is the advantage of ROM shadowing?

8. What is the function of POST?

9. What is memory?

10. What is RAM?

11. What is the difference between SIMM and DIMM?

12. What is multiuser operating system?

(10×2=20)

Part B

Answer any six questions.

Each question carries 5 marks.

13. Explain the architecture of a PC.

14. Explain the voltage levels and color coding of SMPS wiring.

15. Explain about a microprocessor.

16. What is add on card ? Explain any one.

17. Distingusih between MCA and EISA expansion slots. What are the main features of MCA bus?

18. Explain error indication methods in BIOS.

19. Distinguish between IDE and SATA hard disk interfaces.

20. Explain disk formatting.

21. Describe important feaures of LINUS operating system.

(6×5=30)

Part C

Answer any two questions.

Each question carries 15 marks.

22. Explain in detail, the different types of input devices used with PC.

23. Explain the benefits and features of intel i810E chipset.

24. Explain the need for BIOS settings. Describe the booting procedure.

25. Describe the read / write process of optical storage devices.

(2×15=30)