

NOVEMBER/DECEMBER 2019

**BSEL55 — DATA PROCESSING AND  
PERSONAL COMPUTERS**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Mention the role of microprocessor in a computer.
2. What is the SVGA?
3. State the stages of data processing.
4. Write the need of data organization.
5. What is machine level language?
6. What are called interpreters?
7. Write the usage of DIR.
8. What does the batch file mean?
9. Mention the features of unix file system.
10. What are called directories?



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Outline the types of personal computers.

Or

- (b) Discuss the parallel and serial interfaces.

12. (a) Discuss the data processing cycle.

Or

- (b) Explain the compact disks.

13. (a) Discuss the File maintenance procedure.

Or

- (b) Outline the high level, assembly level and machine level languages.

14. (a) Summarize the DOS commands.

Or

- (b) Elucidate the DOS boot mechanism.

15. (a) Enumerate the UNIX files system.

Or

- (b) Explain the applications of spreadsheet.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the personal computer configuration.

17. Explain the data processing operations.

18. Describe the translation mechanism.

19. Explain the Windows OS.

20. Write short note on Internet and Intranet.