

Unit IV

8. (a) What is Internet ? How is it work ? Also discuss the benefits and limitations of internet.
- (b) Explain the various requirements for establishing an internet connection. **10+6**
9. Write short notes on the following : **4+4+4+4**
- (a) e-Mails and its working
- (b) Network Topologies
- (c) Limitations of internet
- (d) Cloud Computing.

Roll No.

Exam Code : J-21

Subject Code—52507

B.Sc. EXAMINATION

(Main/Reappear) (Batch 2018 Onwards)

(First Semester)

COMPUTER SCIENCE

CCsL-104

Fundamentals of Computer

Time : 3 Hours

Maximum Marks : 80

Note : Attempt any *Five* questions. Q. No. **1** is compulsory. All questions carry equal marks.

1. (a) Write a short note on Computer Languages.
- (b) What do you understand by impact and non-impact printers ?
- (c) What is the difference between 'Save' and 'Save as' commands ?

- (d) What is the difference between auto text and auto correct features in MS-Word ?
- (e) What is the difference between Animation and Transition ?
- (f) When will you use the slide sorter in MS-PowerPoint ?
- (g) Differentiate multitasking and multiprogramming.
- (h) What do you understand by Search Engine ? Name a few famous search engines. **2×8=16**

Unit I

- 2. (a) Discuss and explain the classification of computers.
- (b) What do you understand by Computer Memory ? Briefly explain the computer's memory hierarchy. **6+10**
- 3. (a) What is Computer ? What are the various units of a computer ? Discuss and explain.
- (b) What is Structured Programming ? Discuss and explain concepts of Structured Programming. **8+8**

Unit II

- 4. (a) What is a Word Processor ? Discuss 'Table' menu in MS-Word.
- (b) Write a detail note on mail merge. **8+8**
- 5. (a) Write a note on PowerPoint Package in MS-Office.
- (b) How are charts useful in Excel ? Compare any *three* chart types available in Excel using sample data. **8+8**

Unit III

- 6. What is an Operating System ? Discuss and explain the functions and properties of an operating system. **16**
- 7. Write short notes on the following : **4×4=16**
 - (a) Multiprogramming OS
 - (b) Time-Sharing OS
 - (c) Real-Time OS
 - (d) Distributed OS.