Code:1011/BL

Faculty of Science

B.Sc (Data Science) I-Year, CBCS –I Semester

Backlog Examinations –June/July2022

PAPER: Fundamentals of Information Technology

Time: 3 Hours   Max Marks: 80

Section-A

I. Answer any *eight* of the following   (8x4=32 Marks)

1. Define Data. Specify the Types of Data.

2. Write the different representations of Numeric Data.

3. Specify various Input Units of a Computer.

4. Which Physical Devices are used as Storage Cells?

5. How to interconnect CPU with Memory?

6. What is Archival Store?

7. What is LAN? Write the applications of LAN.

8. Define Internet. Write the future of Internet in short.

9. Define Operating system. Write its function.

10. What is a Software Process?

11. Specify the Software problem in terms of Quality.

12. Specify the Coding Standards.

Section-B

II. Answer the following questions   (4x12=48 Marks)

13. (a) Describe the Simple Model of a Computer with a neat diagram.

(OR)

(b) Describe the representation of Characters in Computers.

14. (a) Describe different types of Memory used in a Computer.

(OR)

(b) Explain the Structure of a CPU.

15. (a) Describe the features of various Output devices used in Computer.

(OR)

(b) What is a Programming Language? Describe the Classification of Programming Languages.

16.(a) What is Structured Programming? Describe some programming practices.

(OR)

(b) Describe any Software Development Process Model.

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