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SF—01—2022

FACULTY OF COMPUTER STUDIES

B.Sc. (First Year) (First Semester) EXAMINATION

MAY/JUNE, 2022

(CBCS/Revised Pattern)

COMPUTER STUDIES

(BCS-101)

(Basics of Computer Science)

(Wednesday, 29-06-2022)

Time : 9.30 a.m. to 1.15 p.m.

Time— 3.45 Hours

Maximum Marks—75

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

(iii) Assume suitable data if necessary.

1. Attempt any *five* of the following (3 marks each) : 15

- (a) What is E-mail ?
- (b) Explain fourth generation of computer.
- (c) Write a note on 'ROM'.
- (d) Explain Linux O.S.
- (e) Write a note on 'Workstation'.
- (f) Explain the concept of 'Mouse'.
- (g) Write a note on 'Keyboard'.

2. Attempt any *three* of following (5 marks each) : 15

- (a) Explain basic computer organisation in detail.
- (b) Write a note on 'Light pen'.
- (c) What is operating system ?
- (d) Explain the concept of 'FTP'.
- (e) Write a note on 'RAM'.

P.T.O.

3. Attempt any *three* of the following (5 marks each) : 15
- (a) Explain the types of operating system.
 - (b) Explain second and fifth generation of computer.
 - (c) Write a note on 'HDD'.
 - (d) Explain the concept of Bio-metric device.
 - (e) Explain the concept of 'Monitor'.
4. Attempt any *three* of the following (5 marks each) : 15
- (a) Explain the concept of OSI model in detail.
 - (b) Write a note on 'Printer'.
 - (c) Explain 'USB flash drive'.
 - (d) Explain the concept of Disk operating system.
 - (e) Explain the concept of 'Track ball' in detail.
5. Attempt any *three* of the following (5 marks each) : 15
- (a) Write a note on 'projector'.
 - (b) Explain the concept of 'Data Transmission Mode' in detail.
 - (c) Write a note on 'Cache Memory'.
 - (d) Explain windows operating system in detail.
 - (e) What is web browser ? Explain types of web browser.