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AA—01—2019

FACULTY OF COMPUTER STUDIES

B.Sc. (First Semester) EXAMINATION

OCTOBER/NOVEMBER, 2019

(CBCS/Revised Course)

COMPUTER SCIENCE

(Basics of Computer Science)

(Thursday, 14-11-2019)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—75

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

(ii) Assume suitable data, if necessary.

(iii) Figures to the right indicate full marks.

1. Attempt any *five* of the following : 15

(a) Explain basic organization of computer.

(b) Explain projector.

(c) Write note on Trackball.

(d) Explain the flash memory.

(e) Define Word processing.

(f) Define Electronic mail.

(g) Explain mini and micro computers.

2. Attempt any *three* of the following : 15

(a) Explain characteristics of computer.

(b) Write notes on RAM and ROM.

(c) Explain file transfer protocol.

(d) Describe Disk Operating System.

(e) Explain harddisk drives.

P.T.O.

3. Attempt any *three* of the following : 15
- (a) Explain the OSI model in deep.
 - (b) Explain concept of server and client.
 - (c) Explain joystick and light pen.
 - (d) What is memory card ? Explain.
 - (e) Give definition of network and explain its working.
4. Attempt any *three* of the following : 15
- (a) Describe working of monitor.
 - (b) Explain mainframe computers.
 - (c) Explain Linux operating system.
 - (d) What is a web browser ? Explain.
 - (e) Explain data transmission modes.
5. Attempt any *three* of the following : 15
- (a) Explain any *two* generations of computer.
 - (b) Define operating system. Explain Windows O.S.
 - (c) Explain bio-metric devices.
 - (d) Write a note on Mouse.
 - (e) Explain concept of workstations.