F.Y. B. SC. (Computer Science) SEM –II (CBCS - 2016 COURSE) :
SUMMER - 2019
SUBJECT: ELECTIVE – 3) OPERATING ENVIRONMENT

Day: Wednesday   Time: 03.00 PM TO 06.00 PM

Date: 24/04/2019   Max. Marks: 60

S-2019-1086

N.B:
1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagram **WHEREVER** necessary.

Q.1 **A)** Select the correct option and rewrite the complete sentences. **(06)**

a) _____ is the feature of a fifth generation.

  i) Use of natural languages   **iii)** Bio-chips

  ii) Artificial intelligence   **iv)** All of above

b) _____ device is used as the standard pointing device in a graphical user environment.

  i) Keyboard   **iii)** Joystick

  ii) Mouse   **iv)** Trackball

c) _____ storage devices can store maximum amount of data.

  i) Floppy disk   **iii)** Hard disk

  ii) Compact disk   **iv)** Magnetic optional disk

d) _____ data are organized in a spreadsheet.

  i) Lines and spaces   **iii)** Row and columns

  ii) Layers and planes   **iv)** Height and width

e) _____ is not a font style.

  i) Bold   **iii)** Regular

  ii) Italics   **iv)** Superscript

f) Memory unit is one part of _____.

  i) Input device   **iii)** Control unit

  ii) Output device   **iv)** Central processing Unit

B) Answer all the questions in one sentence. **(06)**

a) Define Internet.

b) Write a use of MS-PowerPoint.

c) What is a linker?

d) Define system software.

e) List the high level programming language.

f) Write command for create a directory and remove directory in DOS.

P.T.O.

Q.2 Answer **ANY THREE** of the following: (12)

   a) Explain the LAN, MAN and WAN networks.

   b) Differentiate between DOS and windows operating system.

   c) Illustrate the features of MS-Excel.

   d) Describe the types of files.

Q.3 Answer **ANY FOUR** of the following: (12)

   a) Explain multiprogramming and multiuser operating system.

   b) Compare between RAM and ROM memory.

   c) Describe the formatting tool in MS WORD.

   d) Write the various applications of an Internet.

   e) Explain different characteristics of computer.

Q.4 Answer **ANY TWO** of the following: (12)

   a) Explain the different topologies used in networking.

   b) Draw and explain block diagram of computer with their units.

   c) Write the following functions purpose and syntax used in MS-Excel:

     i) SUM   ii) AVERAGE   iii) MAX   iv)MIN   v)UPPER

Q.5 Answer **ANY TWO** of the following: (12)

   a) Explain keyboard and mouse as input devices.

   b) Describe the components of MS-PowerPoint.

   c) Explain the various operations on file.

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