(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 174212   Roll No.☐☐☐☐☐☐☐☐☐☐☐

B.H.M.C.T.

Theory Examination (Semester-II) 2015-16

COMPUTER APPLICATIONS

Time : 3 Hours   *Max. Marks : 100*

Section-A

1.   Attempt all questions :   (10 × 2 = 20)

     (a)   What is Cache Memory?

     (b)   Explain Control Panel.

     (c)   Define MAN and WAN.

     (d)   What is Operating System?

     (e)   What is Software and how is it categorized?

     (f)   What do you understand by GUI?

     (g)   What do you mean by Booting of the Computer?

(h) What are File Management Commands?

(i) Discuss all the user interfaces with the Computer.

(j) What are Computer languages? Also discuss its use?

Section-B

2. Attempt any five questions : $(10 \times 5 = 50)$

(a) What is data processing? Differentiate between data and information. Which is more useful to the people?

(b) Differentiate between the characteristic of primary and secondary memory of computer.

(c) Define the terms : Compiler, interpreter, Assembler, Loader and Linker.

(d) What is the usage of recycle bin in MS Windows? Write the steps involved for restoring the data.

(e) List out the various functions normally performed by an operating system.

(f) What is an HTML document? Draw the structure of a HTML document.

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(g)   Explain the following topics :

    (i)   .EXE

    (ii)   .COM

    (iii)   .BAT

    (iv)   .BAK

(h)   With the help of a diagram, explain any two LAN topologies.

Section-C

Attempt any two questions   (15 × 2 = 30)

3.   Write a step-by-step procedure to do the following activities:

    (i)   Add/Remove applications

    (ii)   Controlling access to files, folders

    (iii)   To record, play and edit sound files

    (iv)   To empty recycle bin

    (v)   To adjust the amount of disk space

4. What is meant by Computer Generations? List out the various generations in Computer technologies along with their characteristics.

5. Define computer virus. How do they infect and spread in a computer system? Explain at least three categories of viruses on the basis of their mode of existence. Give three examples of computer viruses.