S.B. Roll No...

Computer Peripheral And Interfacing
5th Exam/ COMPUTER /0462/2620/May,2015

DURATION: 3 Hrs.   **M.Marks: 75**

Note: Attempt all questions.

Section – A

Q1.   Do as directed.   1.5x10

i.   The BIOS contains a program called the _____, which is responsible for searching and starting the operating system boot program.
ii.   UPS stands for _____
iii.   CDMA stands for _____.
iv.   LCD stands for _____.
v.   VGA stands for _____.
vi.   When a keystroke is detected the microprocessor built into the keyboard generate a _____ indicating, which key was pressed.
vii.   The _____ converts analog signal into digital signals.
viii.   SCSI stands for _____.
ix.   The horizontal scan rate refers to the persistence at which electron beam moves around the screen.   (T/F)
x.   SMPS stands for Serial Mode Power Supply.   (T/F)

Section - B

Q2.   Attempt any five questions.   6x5

i.   Explain the difference between impact and non-impact printers.
ii.   What is the difference between serial port and parallel port? Explain.
iii.   Describe the working of CD.
iv.   Write a short note on troubleshooting of keyboard.
v.   What do you mean by software interrupts. Explain.
vi.   Explain the working principle of light pen.
vii.   What is the difference between the working of an inkjet printer with laser printer?
viii.   Explain the logical structure of hard disk.

Section - C

Note: Attempt any three questions.   10x3

Q3.   With a neat diagram, explain the working of a dot matrix printer.
Q4.   Explain the mechanism of hard disk drive with the help of a diagram.
Q5.   What is scanner? Explain its types. Also explain the working principle of scanner.
Q6.   What are the different types of UPS? Explain the working principle of basic UPS.
Q7.   Write short notes on any two of the following:
         (i) Boot Record (ii) Digitizers (iii) USB Ports