



KA-3703

First Year B. C. A. (Sem. - I) Examination

September / October - 2012

103 - Introduction to Computer : Paper - I
(New Course)

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशिक निशानीवाणी विगते उत्तरवही पर अवश्य दखनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. - 1)

Name of the Subject :
103 - INTRODUCTION TO COMPUTER (NEW)

Subject Code No. : 3 7 0 3 Section No. (1, 2,.....) : NIL

Seat No. :

Student's Signature

- 1 Answer the following in brief. 10
- What do you mean by volatile and Non-volatile Storage ?
 - Give the Full Form of ASC-II and EBCDIC.
 - What do you mean by Primary and Secondary Storage ?
 - Write a function of cpu.
 - What do you mean 32 and 64 bit computers ?
 - Explain Hardware and Software.
 - Write difference between Palmtop and Laptop.
 - What is VLSI and MSI ?
 - What is UNICODE ?
 - Explain difference between impact and non-impact printer.

- 2 Answer the following questions : 13
- Explain Generations of Computers in detail. 7
 - What do you mean by microcomputer ? How it is different from Notebook computers ? 6

OR

- (ii) Explain different types of Printers in detail. 6

- 3 Attempt any three : 18
- Explain Phases of Machine Cycle
 - Write a difference between sequential and direct access types of storage.
 - Difference between PROM, EPROM and UVPROM.
 - Write a detailed note on Hard Disk.

- 4 Attempt any two : 14
- (i) Explain Optical Disk in detail.
 - (ii) Draw a block diagram of Computer and explain its functional units.
 - (iii) Explain the difference between OCR and OMR in detail.
- 5 Attempt any five : 15
- (i) $(2A4E)_{16} = (?)_2$
 - (ii) $(1111)_2 = (?)_{10}$
 - (iii) $(1011.10)_{16} = (?)_2$
 - (iv) Addition : $(11010110)_2 + (11101110)_2$
 - (v) Addition : $(11001)_2 + (10111)_2$
 - (vi) Subtraction : $(1010111)_2 - (11011)_2$