



DE-3703

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

March / April - 2016

103 : Introduction to Computer

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशके निशानावाणी विगतो उत्तरवडी पर अवश्य कपनी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="FIRST YEAR B. C. A. (SEM. I) (CBCS)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="103 : INTRODUCTION TO COMPUTER"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="3"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	

1 Answer the following (Any 6) (12)

- (1) What is Flash Memory?
- (2) What is RAM?
- (3) What is ASCII?
- (4) Define the term Volatile and Non-Volatile.
- (5) Define POST.
- (6) What is the difference between 2nd and 3rd generation of computer?
- (5) What is Parity bit?
- (8) What is Firmware?
- (9) Define Storage capacity and Access time.

2 Answer the Following.(Any 3) (15)

- (1) Draw a block diagram of computer and explain all its functional units.
- (2) Explain in detail backup devices.
- (3) Write a short note on Plotters.
- (4) Explain Motherboard in detail.
- (5) Explain different phases of Machine cycle.

3 Answer the Following. (Any 2) (12)

- (1) Cache Memory Vs Virtual Memory
- (2) Inkjet Printer Vs Laser Printer
- (3) Primary Storage Vs Secondary Storage

4 Answer the Following. (Any 3) (15)

- (1) Explain different characteristics of computer.
- (2) Write a short note on ROM in detail.
- (3) Write a short note on OCR and OMR.
- (4) Write a short note on Hard disk.
- (5) Explain Keyboard in detail.

5 Answer the Following. (Any 4) (16)

- (1) $(130)_{10} = (?)_2$
 - (2) Subtract : $(01110)_2$ from $(10101)_2$
 - (3) $(D3)_{16} = (?)_2$
 - (4) $(2B.C4)_{16} = (?)_8$
 - (5) $(1670)_8 = (?)_{10}$
 - (6) $(27)_{10} = (?)_8$
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