



EM-3703

First Year B. C. A. (Sem. I) (CBCS) Examination
October / November - 2016
103 : Introduction to Computer

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशक निशानोंवाली विगतों उत्तरपत्री पर अवश्य दणवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="F. Y. B. C. A. (SEM. 1) (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"/>	Section No. (1, 2,.....) : <input type="text" value="Nil"/>
	<input type="text" value="Student's Signature"/>

1 Answer the following : (any six) 12

- (1) What is serial port and parallel port ?
- (2) Define the term Volatile and Non-Volatile.
- (3) Explain Software.
- (4) What is BIOS ?
- (5) Define POST.
- (6) What is the difference between 2nd and 3rd generation of computer ?
- (7) What do you mean by 32-bit and 64-bit computer ?
- (8) What is Firmware ?
- (9) What is EEPROM ?

2 Answer the following : (any three) 15

- (1) Write a short note on Plotters.
- (2) Write a short note on Hard disk.
- (3) Explain types of computers in detail.
- (4) Explain different characteristics of computer.
- (5) Write a short note on ROM in detail.

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3 Answer the following : (any two) 12

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

4 Answer the following : (any three) 15

- (1) Explain Processor in detail.
- (2) Explain Monitor in detail.
- (3) Draw a block diagram of computer and explain all its functional units.
- (4) Explain in detail backup devices.
- (5) Write a short note on OCR and OMR.

5 Answer the following : (any four) 16

- (1) $(5AC)_{16} = (?)_2$
 - (2) Subtract : $(01110)_2$ from $(10101)_2$
 - (3) $(ABCD)_{16} + (01EF)_{16}$
 - (4) $(110111101001)_2 = (?)_8$
 - (5) $(576)_8 = (?)_2$
 - (6) $(1234)_2 = (?)_{10}$
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