



H-3502

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

March / April - 2018

103 : Introduction to Computer

(New Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दस्तावेज में विस्तारपूर्वक विवरण उत्तरपत्र पर भरना आवश्यक है।
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year B. C. A. (Sem. I) (CBCS)

Name of the Subject :
103 : Introduction to Computer (New)

Subject Code No. : 3 5 0 2 Section No. (1, 2,.....) : Nil

Seat No. : [] [] [] [] [] [] [] [] [] []

Student's Signature

(2) Scientific calculator is not allowed.

1 Answer the following : (Any 6) 12

- (1) What is ASCII ?
- (2) Define POST.
- (3) Define Storage capacity and Access time.
- (4) What is Parity bit ?
- (5) What is RAM ?
- (6) What is Firmware ?
- (7) Define the term Volatile and Non-Volatile.
- (8) What is Flash Memory ?

2 Answer the following : (Any 3) 18

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

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[Contd...

3 Answer the following : (Any 1) 6

- (1) RAM Vs ROM
- (2) Primary Storage Vs Secondary Storage

4 Answer the following : (Any 3) 18

- (1) Explain in detail backup devices.
- (2) Explain different characteristics of computer.
- (3) Write a short note on Plotters.
- (4) Write a short note on Hard disk.

5 Answer the following : (Any 4) 16

- (1) Add binary numbers $(100111)_2$ and $(11011)_2$ in both decimal and binary forms.
- (2) $(9AB)_{16} = (?)_{10}$
- (3) $(6751)_8 = (?)_2$
- (4) $(127)_{10} = (?)_2$
- (5) Subtract : $(0110111)_2$ from $(1101110)_2$
- (6) $(10111)_2 = (?)_8$