

A-3703

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

March / April - 2015

103 : Introduction to Computer : Paper - III

Time : Hours]

[Total Marks : 70

Instruction :

नीचे दशांशके निम्नानुवाणी विगतो उतारयती पर अवश्य कभवती.
Fillup strictly the details of signs on your answer book.

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

Name of the Subject :
103 : INTRODUCTION TO COMPUTER - 3

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

Seat No. :

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Student's Signature

1 Answer the following in brief : (any six) 12

- (1) What is EBCDIC ?
- (2) What is BIOS ?
- (3) What is ASCII ?
- (4) Give full name : DVD, OCR, OMR, ENIAC
- (5) Define POST.
- (6) What is Flash Memory ?
- (7) Define term volatile and Non-volatile.
- (8) What do you mean by 32-bit and 64-bit computer ?
- (9) Give the formula to count the capacity of a hard disk in bytes.

2 Answer the following : 14

- (1) Draw a block diagram of computer and explain its functional units. 7
- (2) Write a note on DVD-ROM. 7

OR

2 Answer the following : 14

- (1) Explain the different types of characteristics of computer in detail. 7
- (2) Write a note on CD-ROM. 7

A-3703]

1

[Contd...

3 Answer the following : 14
<http://VNSGU.AtoZmath.com> - Syllabus, Question Paper, Programs of BCA, BBA

(1) Write a detail note on OCR and OMR. 7

(2) Explain in detail Backup devices. 7

OR

(2) Difference between Ink-jet printer and Drum printer. 7

4 Answer the following : (any two) 14

(1) Primary storage Vs. Secondary storage. 7

(2) Cache memory Vs. Virtual memory 7

(3) Explain plotters in detail. 7

(4) Advantage and disadvantage of optical disk. 7

5 Attempt any four : 16

(1) $(42)_{10} = (?)_2$

(2) Subtract : $(01110)_2$ from $(10101)_2$

(3) $(4706)_8 = (?)_{10}$

(4) Find the complement of $(53)_{10}$

(5) $(BCA)_{16} = (?)_2$

(6) $(101110)_2 = (?)_8$