Extra :- 6

V.P. & R.P.T.P. SCIENCE COLLEGE
S.Y.B.Sc. (SEMESTER – III)
INTERNAL TEST: OCT-2017
US03CCSC02: Structured Computer Organization

DATE: 05/10/2017 **TIME: 03:00pm to 04:30pm** **MARKS: 25**

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Q.1 Multiple Choice Question [03]

1. In Hexadecimal Number system, base is ___
   (a) 10 (b) 16 (c) 15 (d) None of above
2. ASCII equivalent of A is
   A. 66 B. 67
   C. 68 D. 65
3. Cache memory is being deployed for
   A. Speed up rate of data fetching B. reduce rate of data fetching
   C. to reduce the error D. none of them

Q.2 Answer the following in short (Any two) [04]

1. List out the limitations of Primary Storage.
2. Explain 1's complement method with example.
3. What do you mean by PROM?

Q.3 Draw a block diagram of basic organization of a computer system, and explain the functions of the various units. [06]

OR

Q.3 Explain the conversion of Binary to Decimal with suitable example. [06]

Q.4 Explain Hamming code method with example. [06]

OR

Q.4 Explain pipelining [06]

Q.5 Explain the role of Registers in computer storage [06]

OR

Q.5 Write a note on Hard Disk with diagram. [06]