



**V.P. & R.P.T.P. SCIENCE COLLEGE**

**S.Y.B.Sc EXAMINATION**

**SEMESTER – III**

**US03CCSC02: Structured Computer Organization**

Date: 01/10/2016

Time: 03:00pm to 04:30pm

Marks: 25

**Q1 Multiple choice of Question:**

**[3]**

- 1) In Hexadecimal Number system, F is stands for \_\_\_\_.  
(a) 09            (b) 10            (c) 15            (d) None of above
- 2) In \_\_\_\_\_, multiple control unit share a common memory.  
(a) Array processor            (b) Multiprocessor  
(c) Pipeline            (d) None
- 3) What is the full form of USB?  
(a) Universal Serial Bus            (b) Universal system Bus  
(c) Uniform system bus            (d) none of them

**Q2 Answer the following in short (Any 2):**

**[4]**

- 1) List out the limitations of Primary Storage.
- 2) Explain 1's complement method with example.
- 3) What is Instruction register?

**Q3 Draw a block diagram of Basic Organization of a Computer System and explain the functions of the various units.**

**[6]**

**OR**

**Q3 Explain the conversion of Binary to Decimal with suitable example.**

**[6]**

**Q4 Explain Hamming code method with example.**

**[6]**

**OR**

**Q4 Explain pipelining.**

**[6]**

**Q5 What is Primary Memory and explain it in detail.**

**[6]**

**OR**

**Q5 Write a short note on Secondary Memory.**

**[6]**