

V.P. & R.P.T.P. SCIENCE COLLEGE**T.Y.B.Sc. (SEMESTER – VI)****FIRST INTERNAL TEST : MAR-2014****US06CCSC04 : Introduction to Microprocessors and Assembly Language****DATE : 13/03/2014****TIME : 03:30PM to 05:00PM****MARKS : 30**

Q.1	Answer the following in short. (Any Three) 1. What do you know about Carry Flag (CF)? 2. What is EQU? 3. Explain the MOV instruction. 4. Explain the XCHG instruction. 5. What is the use of LOOP instruction? 6. What is CLD processor control instruction?	06
Q.2	(a) Explain in brief the Segment Registers. (b) Explain the ASSUME and DT Assembler Directives. OR	04 04
Q.2	Write detailed note on 8086 internal architecture : Execution unit and Bus Interface unit	08
Q.3	Explain the following Arithmetic Instructions with examples. (a) ADC (b) IMUL (c) DIV OR	08
Q.3	Explain the following Logical Instructions with examples.	08
Q.4	Explain the following string instructions (a) SCASB (b) LODSW (c) STOS OR	08
Q.4	Explain the following jump instructions (a) JNL (b) JCXZ (c) JO	08