

EXTRA

V.P. & R.P.T.P SCIENCE COLLEGE
INTERANAL EXAM
T.Y.B.Sc (SEM.-V) ELECTRONICS
SUB. CODE:-US05CELE03

DATE:-03/10/2016

TIME:-11:00 am To 12:30pm

MARKS-25

- Q-1 Choose correct answer [3]
- 8085 microprocessor has _____.
(A) 40 pin (C) 14pin
(B) 20 pin (D) 8pin
 - Out instruction is type of _____.
(A) arithmetic (C) data transfer
(B) logical (D) none
 - _____ is machine control instruction.
(A) RET (C) NOP
(B) JNC (D) none
- Q-2 Short answer type question.(attempt any two) [4]
- List pins of interrupt control section of 8085 microprocessor.
 - Define program and software.
 - State characteristics of logical instruction.
- Q-3 Draw architectural block diagram of 8085 microprocessor and briefly discuss each section of it. [6]
- OR
- Q-3 Discuss concept of bus timing with necessary diagram. [6]
- Q-4 Discuss different arithmetic and logical instruction give in suitable illustration. [6]
- OR
- Q-4 A. Write a programme to load two different numbers in two registers. now subtract one number from another such that carry flag will set and display the answer at port 1. [3]
B. State different addressing mode of 8085 microprocessor with example. [3]
- Q-5 Describe conditional and unconditional jump instruction with suitable example. [6]
- OR
- Q-5 Discuss classification of instructions according to word size. [6]

