

V.P. & R.P.T.P SCIENCE COLLEGE
INTERANAL EXAMINATION – OCTOBER - 2017
T.Y.B.Sc (Vth - SEMESTER) INSTRUMENTATION (V)

SUB. CODE:-US05CINV06

DATE :- 09/10/2017

TIME : 11:00 AM TO 12:30 PM

MARKS-25

- Q-1 Choose correct answer [3]**
1. Tristate switch has _____ output states.
(A) 1 (C) 3
(B) 2 (D) none of above
 2. Flash type A/D converter is _____ converter.
(A) fastest (C) slow
(B) very slow (D) none of above
 3. MODEM is also called _____.
(A) DCE (C) capacitor
(B) DTE (D) none of above



- Q-2 Short answer type question.(attempt any two) [4]**
1. Explain FSK with necessary diagrams.
 2. Draw the operation diagram of successive approximation converter.
 3. Draw the circuit of weighted resistor type 4 – bit D/A converter.
- Q-3 Explain working of R-2R ladder type D/A converter. [6]**
- OR**
- Q-3 Give an account of Tristate switch. [6]**
- Q-4 Give an account of Schmitt trigger as an interface circuit. [6]**
- OR**
- Q-4 Give an account of Modems & Interfaces. [6]**
- Q-5 Explain in detail voltage to frequency type A/D converter. [6]**
- OR**
- Q-5 Explain in detail working of counter type A/D converter. [6]**
