

CI-08/S-I/B/17

**TRADE TEST OF CRAFT INSTRUCTOR
(SEMESTER -I)
SEPTEMBER– 2017**

**TRADE: ELECTRONICS MECHANIC
SUBJECT: TRADE PRACTICAL -I**

**TIME: 8 Hrs.
MARKS: 200**

Note: Attempt Any Four questions.

1. a) Construct and test monostable circuit using IC 555. (25)
b) Construct and test the output of priority encoder using IC 74147. (25)
2. Simulate and prepare layout of the transistor amplifier circuit using available software in lab. (50)
3. Identify and indicate the -
a) Address range of RAM and ROM (20)
b) Ports pin of the 8051 controller and configure the input and output port. (30)
4. a) Verify and measure displacement using LVDT. (25)
b) Verify and make connections (battery and load) to UPS for load test on battery mode. (25)
5. a) Test and replace the given HDD and DVD on the system. (25)
b) Prepare a power point presentation on any one known topic with various design features. (25)
6. Connect and test storage batteries to a power inverter. (50)
