TRADE TEST FOR CRAFT INSTRUCTOR
(SEMESTER SYSTEM)
JANUARY -2016

TRADE: ELECTRONICS MECHANIC
SEMESTER – I
SUBJECT: TRADE PRACTICAL-I

TIME: 8 Hrs.
MARKS: 200

Note: Attempt all questions.

1. Construct an Op-Amp based RC Oscillator circuit. Measure and record the frequency and amplitude of its output. (60)

2. Check the given UPS and identify the fault. Rectify the fault and demonstrate the rectified functioning. (60)

3. Identify the suitable connectors and cable for the following applications and prepare cable assemblies. Test the cable assemblies.
   a) A straight – through cable (patch cable) to connect a computer and a network switch.
   b) A Crossover cable to connect two networked computers.
   (40)

4. Install an antivirus system software on a PC and scan the system for virus. (40)

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