

**ELECTRICIAN
(PRACTICAL)
SEMESTER – II
(SESSION 2017-2018) - NSQF LEVEL -5**

TIME: 8 HRS.

MARKS: 270

Note: Attempt Any three questions. All questions carry equal marks.

1. Assemble house wiring including earthing for 1-phase energy meter, MCB, ceiling fan, tube light, three pin socket and a lamp operated from two different positions. Demonstrate the basics functional study of components used in house wiring.
2. Prepare pipe / plate earthing and measure earth resistance by earth tester / megger.
3. Prepare decorative light circuit to produce running light effect.
4. Repair the given faulty electric kettle, replace the faulty part if any and test for proper functioning.
5. Verify terminals, identify components and calculate transformation ratio of single phase transformers.
