

18/B/C/S-1/4/E

33/231, 35/233,  
41/234, 70/232

**ELECTRICIAN/ ELECTROPLATOR/ LIFT MECHANIC/ LIFT & ESCALATOR  
MECHANIC/ WIREMAN  
(PRACTICAL)  
SEMESTER – I**

**(Session 2017 – 2018) – NSQF LEVEL 5**

**TIME: 8 HRS.**

**MARKS: 270**

**Note: Attempt all questions. All questions carry equal marks.**

1. Demonstrate the use of fire extinguisher in case of electric fire.
2. Identify various types and main parts of cables and measure conductor size using SWG and micro-meter. Prepare a straight joint of cables.
3. Measure the value of an unknown resistance using wheat-stone bridge.
4. Experimentally determine the resonance frequency in a series RLC circuit and compare this to the expected resonance value.
5. Measure the Power of three phase circuit for balanced load with the help of 2-wattmeter method.

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