

P-1

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

033/231, 35/233,  
41/234, 70/232

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

**TIME: 8 HRS.**

**MARKS: 270**

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

1. Verify the characteristics of an AC circuit having resistance and Inductance in series.
2. i) Identify and name the active & passive components from the given set of components. Write their marked values.  
ii) Determine and write the value, tolerance & wattage of the given set of resistances using color code.
3. Determine the value of unknown resistor by Wheatstone bridge.

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