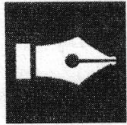


Name Class Roll No.

Time 25 Min.	Max. Marks 15	Marks Obtained
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TOPIC-1 Electric Current

R Q. 1. What is meant by potential difference between two points ? [Board Term I, Set (21) 2011] (1)

Ans.
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.....

R Q. 2. Name the physical quantity which is same in all the resistors when they are connected in series. [Board Term I, Set (42) 2011] (1)

Ans.

U Q. 3. State the factors on which at a given temperature the resistance of a cylindrical conductor depends. State the SI unit of resistivity. [Board Term I, Set (36), 2012] (2)

Ans.
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U Q. 4. (a) Nichrome wire of length L and radius ' R ' has resistance of 10Ω . How would the resistance of the wire change when :
 (i) Only length of the wire is doubled ?
 (ii) Only diameter of the wire is doubled ? Justify your answer.
 (b) Why element of electrical heating devices are made up of alloys ? [Board Term I, Set (15), 2012] (3)

Ans.
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