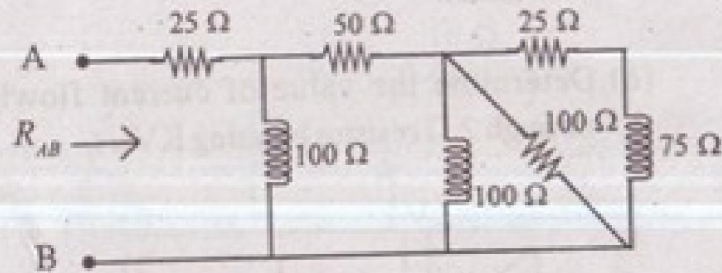


( 6 )

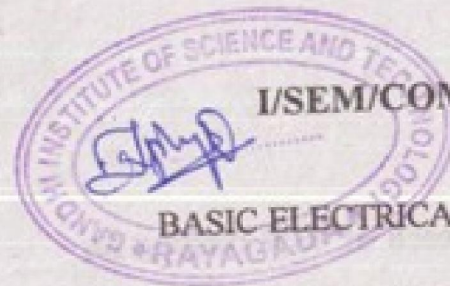
(b) Find  $R_{AB}$  for the following circuit :

5



(c) State and explain B-H curves.

7



I/SEM/COMMON/2013(W)-NEW

BASIC ELECTRICAL ENGINEERING

( Code : BET 101 )

Full Marks : 70

Time : 3 hours

Answer any five questions

The figures in the right-hand margin indicate marks

1. (a) State Ohm's law. 2
- (b) Explain with neat diagram how power generated from tidal source. 5
- (c) A building has the following appliances :
  - (i) A 1.5 HP motor running for 4 hr in a day.
  - (ii) 3 Nos of fans each of 80W running for 10 hrs in a day.