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(MHT-CET 2005) (a)  $\pi R L MgL$ . 2 (b)  $\pi R L Mgl$ . 2 (c)  $Mgl \pi$ . 2. R L (d) All Of These .  
Answer: (a) 4. Young's Modulus Of A Wire Is Y, Strain Energy Per Unit Volume Is E Then Its Strain Is Given By (MHT-CET 2006) (a)  $2E Y$  (b)  $Y 2E$  (c)  $Y E$  (d)  $2EY$  .

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