

Answers to questions

1. (a) 0.3 V, 133 mA (b) 0.56 V (c) 0.45 V (d) 116 mA
2. (a) 0.85 (b) 1245 W (c) 10.45 kV
(d) (i) 1.03 mF (ii) 900 W (iii) $(3433+100j) \Omega$
5. (b) 214 Ω
6. (b) 16 kbytes
9. (c) -3.4375 V
10. (b) 181 μH (c) 9.05 mV
11. (a) (i) 9/7 (ii) 3/2 (b) 100 V

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