Conceptual Electromagnetics 1st edition NotaroÅ¡ Solutions Manual

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2 ELECTROSTATIC FIELD IN DIELECTRICS

2.1 Polarization of Dielectrics

CONCEPTUAL QUESTION 2.1 Correct Answer: (C)

CONCEPTUAL QUESTION 2.2 Correct Answer: (B)

CONCEPTUAL QUESTION 2.3 Correct Answer: (A)

CONCEPTUAL QUESTION 2.4 Correct Answer: (B)

CONCEPTUAL QUESTION 2.5 Correct Answer: (B)

CONCEPTUAL QUESTION 2.6 Correct Answer: (D)

CONCEPTUAL QUESTION 2.7 Correct Answer: (B)

CONCEPTUAL QUESTION 2.8 Correct Answer: (A)

CONCEPTUAL QUESTION 2.9 Correct Answer: (B)

CONCEPTUAL QUESTION 2.10 Correct Answer: (D)

CONCEPTUAL QUESTION 2.11 Correct Answer: (C)

CONCEPTUAL QUESTION 2.12 Correct Answer: (B)

2.2 Generalized Gauss' Law and Permittivity

CONCEPTUAL QUESTION 2.13 Correct Answer: (D)

CONCEPTUAL QUESTION 2.14 Correct Answer: (C)

CONCEPTUAL QUESTION 2.15 Correct Answer: (E)

CONCEPTUAL QUESTION 2.16 Correct Answer: (A)

CONCEPTUAL QUESTION 2.17 Correct Answer: (D)

CONCEPTUAL QUESTION 2.18 Correct Answer: (D)

CONCEPTUAL QUESTION 2.19 Correct Answer: (A)

CONCEPTUAL QUESTION 2.20 Correct Answer: (D)

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2.3 Dielectric–Dielectric Boundary Conditions

CONCEPTUAL QUESTION 2.21 Correct Answer: (A)

CONCEPTUAL QUESTION 2.22 Correct Answer: (C)

2.4 Analysis of Capacitors with Homogeneous Dielectrics

CONCEPTUAL QUESTION 2.23 Correct Answer: (C)

CONCEPTUAL QUESTION 2.24 Correct Answer: (A)

CONCEPTUAL QUESTION 2.25 Correct Answer: (A)

CONCEPTUAL QUESTION 2.26 Correct Answer: (B)

CONCEPTUAL QUESTION 2.27 Correct Answer: (B)

CONCEPTUAL QUESTION 2.28 Correct Answer: (B)

CONCEPTUAL QUESTION 2.29 Correct Answer: (C)

CONCEPTUAL QUESTION 2.30 Correct Answer: (B)

CONCEPTUAL QUESTION 2.31 Correct Answer: (E)

2.5 Analysis of Capacitors with Inhomogeneous Dielectrics

CONCEPTUAL QUESTION 2.32 Correct Answer: (C)

CONCEPTUAL QUESTION 2.33 Correct Answer: (E)

CONCEPTUAL QUESTION 2.34 Correct Answer: (B)

CONCEPTUAL QUESTION 2.35 Correct Answer: (D)

CONCEPTUAL QUESTION 2.36 Correct Answer: (B)

CONCEPTUAL QUESTION 2.37 Correct Answer: (C)

CONCEPTUAL QUESTION 2.38 Correct Answer: (A)

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2.6 Energy of an Electrostatic System

CONCEPTUAL QUESTION 2.39 Correct Answer: (A)

CONCEPTUAL QUESTION 2.40 Correct Answer: (B)

CONCEPTUAL QUESTION 2.41 Correct Answer: (B)

CONCEPTUAL QUESTION 2.42 Correct Answer: (D)

CONCEPTUAL QUESTION 2.43 Correct Answer: (B)

2.7 Dielectric Breakdown in Electrostatic Systems

CONCEPTUAL QUESTION 2.44 Correct Answer: (A)

CONCEPTUAL QUESTION 2.45 Correct Answer: (B)

CONCEPTUAL QUESTION 2.46 Correct Answer: (D)

CONCEPTUAL QUESTION 2.47 Correct Answer: (B)

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