Part II

Monday
Chapter 25: Electrical Charge and Coulomb's Law
Exercises:
7, 12, 13, 16*, 19*, 21.
Problems:
4*, 6*, 8*, 11*.

Chapter 26: Electric Field
Exercises:
9, 11*, 16*, 18*, 27, 29, 31, 34, 39, 40.
Problems:
2, 3*, 4*, 5, 8, 10, 11, 12*.

Tuesday
Chapter 27: Gauss' Law
Exercises:
3, 7, 8, 9, 14, 15, 18*, 21, 25*.
Problems:
3*, 4*, 5*, 6*, 7, 8, 11, 14*, 15*, 17*, 18*.

Wednesday
Chapter 28:
Electrical Potential Energy and Potential
Exercises:
3, 7, 9, 13, 15, 20, 25, 40, 41, 46, 47.
Problems:
3*, 4*, 6, 7*, 8, 9*, 10*, 12*, 13*.

Chapter 29: Electrical Properties of Material
Exercises:
Problems:
6, 9*, 12, 14*, 15*, 16.
Thursday
Chapter 30: Capacitance
Exercises:
2, 8, 19*, 25, 27, 31, 34, 35, 37.
Problems:

Chapter 31: DC Circuits
Exercises:
3, 5, 11, 12, 14, 19, 23, 25, 28, 32, 40, 47*, 49.
Problems:
4*, 5*, 6, 9, 12, 15*, 18, 19.

Friday
Chapter 32: Magnetic Field
Exercises:
Problems:
4, 5, 6, 7, 10*, 11, 15*, 17*, 18*, 19*.

Chapter 33: Magnetic Field of a Current
Exercises:
1, 10, 12*, 13*, 14, 15*, 17, 20, 21*, 23*, 34*, 35*.
Problems:
1, 2, 4*, 5*, 6, 8*, 11, 12*, 14*.

Monday
Chapter 34: Faraday's Law of Induction
Exercises:
8, 10, 11, 13, 17, 18, 22, 23*, 24*, 26, 31.
Problems:
1*, 3, 5, 6*, 8, 9*, 10*, 11, 12, 14*.

Tuesday
Chapter 35: Magnetic Properties of Materials
Exercises:
Problems:
1*, 2*, 3, 7*.
Wednesday
Chapter 36: Inductance
Exercises:
9, 10, 14, 30, 41, 44, 50.
Problems:
1, 3*, 5*, 6*, 9*, 11*, 13*.

Chapter 37: AC Circuits
Exercises:
10, 14, 22, 23, 25, 26.
Problems:
4*, 7, 8, 11.

Thursday
Chapter 38: Maxwell's Equations and Electromagnetic Waves
Exercises:
5, 9, 23, 24, 30, 37, 39, 41, 43.
Problems:
1, 4*, 5, 7, 11*, 12*, 14*, 16*.

Friday
Chapter 39: Light Waves
Exercises:
Problems:
2*, 3, 4, 6*, 7**, 8, 9, 10, 12.

Monday
Chapter 40: Mirrors and Lenses
Exercises:
4, 5, 7*, 12, 17*, 19*, 20, 25, 30, 37.
Problems:
1, 5, 7, 9, 10*, 12*, 13.

Tuesday
Chapter 41: Interference
Exercises:
19, 20, 23*, 27, 29*, 30, 33, 36*.
Problems:
1, 6, 7*, 10, 11*.

Chapter 42: Diffraction
Exercises:
7, 11, 15, 17, 21*, 23, 27.
Problems:
2*, 4, 5*, 7.
Wednesday
Chapter 43: Gratings and Spectra
Exercises:
5, 12, 14, 15, 17, 27, 32, 33.
Problems:
1*, 2*, 3*, 5**, 7.

Chapter 44: Polarization
Exercises:
5, 10, 14, 15*.
Problems:
1, 2, 3, 5*, 6, 7.

Thursday
Chapter 45: Nature of Light
Exercises:
7, 10, 15, 17, 19, 23, 32, 33, 37, 41.
Problems:
1*, 3*, 4, 5*, 6, 8*, 9, 11*.

Chapter 46: Nature of Matter
Exercises:
7, 10, 12, 13, 17, 19, 21, 26, 30.
Problems:
1, 2*, 4, 6*.

Friday
Chapter 47: Electrons in Potential Wells
Exercises:
5, 7, 17, 20, 21, 23, 27, 35*, 44.
Problems:
1, 2*, 7*, 8*, 9*, 12*.

Monday
Chapter 48: Atomic Structure
Exercises:
5, 9, 11, 14*, 15, 19*, 21, 25, 26, 33, 35*.
Problems:
1*, 3*, 4*, 7*, 10.
Tuesday
Chapter 49: Electrical Conduction in Solids
Exercises:
Problems:
1*, 2*, 4*, 5*, 6*.

Wednesday
Chapter 50: Nuclear Physics
Exercises:
6, 7, 9, 12, 14, 25, 27, 30*, 34, 37, 38*, 51*, 53, 56*, 60*.
Problems:
1, 2, 3*, 4*, 5*, 7*, 11*, 16, 17, 18.

Thursday
Chapter 51: Energy from the Nucleus
Exercises:
7, 11, 15*, 17, 21, 25*, 31, 39, 45, 46.
Problems:
2, 4, 5, 7, 9.

Friday
Chapter 52: Particle Physics and Cosmology
Exercises:
5, 6, 8*, 9*, 11*, 13, 14*, 15*, 18, 19, 20, 25.
Problems:
4, 5, 6*, 7*. 