

AP Physics 2

Past-Paper Exercise Sheets — Question Index

32 subtopics • 121 questions

9.1 Kinetic Theory of Temperature and Pressure

10 questions • calculation x8, short answer, data response

Source	Q	Type
2026	1	calculation
2025	2	calculation
2023	3	calculation
2021	1	calculation
2021	2	short answer
2019	4	calculation
2018	4	calculation
2017	1	calculation
2016	1	calculation
2015	3	data response

9.2 The Ideal Gas Law

8 questions • calculation x5, data response x2, short answer

Source	Q	Type
2026	1	calculation
2025	2	calculation
2024	2	data response
2021	1	calculation
2021	2	short answer
2019	4	calculation
2016	1	calculation
2015	3	data response

9.3 Thermal Energy Transfer and Equilibrium

4 questions • calculation x3, data response

Source	Q	Type
2026	1	calculation
2025	2	calculation
2021	1	calculation
2019	3	data response

9.4 The First Law of Thermodynamics

6 questions • calculation x5, data response

Source	Q	Type
2026	1	calculation
2025	2	calculation
2024	2	data response
2021	1	calculation
2019	4	calculation
2016	1	calculation

9.5 Specific Heat and Thermal Conductivity

3 questions • data response x2, calculation

Source	Q	Type
2026	1	calculation
2024	2	data response
2019	3	data response

10.1 Electric Charge and Electric Force

2 questions • calculation x2

Source	Q	Type
2017	4	calculation
2016	3	calculation

10.3 Electric Fields

8 questions • calculation x6, short answer x2

Source	Q	Type
2024	4	calculation
2023	4	calculation
2022	3	calculation
2019	1	short answer
2018	1	short answer
2017	4	calculation
2016	3	calculation
2015	4	calculation

10.4 Electric Potential Energy

6 questions • calculation x6

Source	Q	Type
2026	4	calculation
2024	4	calculation
2023	4	calculation
2022	3	calculation
2017	4	calculation
2016	3	calculation

10.5 Electric Potential

3 questions • calculation x3

Source	Q	Type
2023	4	calculation
2017	4	calculation
2016	3	calculation

10.6 Capacitors

5 questions • calculation x4, data response

Source	Q	Type
2025	3	data response
2023	2	calculation
2022	2	calculation
2016	4	calculation
2015	4	calculation

10.7 Conservation of Electric Energy

4 questions • calculation x4

Source	Q	Type
2026	4	calculation
2023	4	calculation
2017	4	calculation
2016	3	calculation

11.2 Simple Circuits

5 questions • calculation x4, data response

Source	Q	Type
2024	3	calculation
2023	2	calculation
2022	2	calculation
2019	2	calculation
2017	2	data response

11.3 Resistance, Resistivity, and Ohm's Law

3 questions • calculation x2, data response

Source	Q	Type
2019	2	calculation
2018	2	calculation
2017	2	data response

11.4 Electric Power

3 questions • calculation x2, short answer

Source	Q	Type
2024	3	calculation
2021	3	short answer
2015	2	calculation

11.5 Compound DC Circuits

4 questions • calculation x4

Source	Q	Type
2024	3	calculation
2023	2	calculation
2018	2	calculation
2015	2	calculation

11.6 Kirchhoff's Loop Rule

3 questions • calculation x3

Source	Q	Type
2024	3	calculation
2023	2	calculation
2019	2	calculation

11.8 RC Circuits

5 questions • calculation x4, data response

Source	Q	Type
2025	3	data response
2023	2	calculation
2018	2	calculation
2016	4	calculation
2015	2	calculation

12.1 Magnetic Fields

1 question • data response

Source	Q	Type
2026	3	data response

12.2 Magnetism and Moving Charges

7 questions • calculation x3, short answer x3, data response

Source	Q	Type
2026	3	data response
2024	4	calculation
2022	4	calculation
2021	3	short answer
2019	1	short answer
2018	1	short answer
2015	4	calculation

12.3 Magnetism and Current-Carrying Wires

2 questions • calculation x2

Source	Q	Type
2025	1	calculation
2022	4	calculation

12.4 Electromagnetic Induction and Faraday's Law

4 questions • calculation x2, short answer x2

Source	Q	Type
2025	1	calculation
2022	4	calculation
2021	3	short answer
2018	1	short answer

13.1 Reflection

1 question • calculation

Source	Q	Type
2023	1	calculation

13.3 Refraction

6 questions • calculation x4, short answer x2

Source	Q	Type
2023	1	calculation
2022	1	calculation
2019	4	calculation
2017	3	calculation
2016	2	short answer
2015	1	short answer

13.4 Images Formed by Lenses

1 question • calculation

Source	Q	Type
2017	3	calculation

14.8 Double-Slit Interference and Diffraction Gratings

2 questions • calculation x2

Source	Q	Type
2025	4	calculation
2022	1	calculation

14.9 Thin-Film Interference

1 question • calculation

Source	Q	Type
2018	4	calculation

15.1 Quantum Theory and Wave-Particle Duality

4 questions • calculation x4

Source	Q	Type
2026	2	calculation
2024	1	calculation
2022	3	calculation
2021	4	calculation

15.2 The Bohr Model of Atomic Structure

3 questions • calculation x2, short answer

Source	Q	Type
2026	2	calculation
2022	3	calculation
2016	2	short answer

15.3 Emission and Absorption Spectra

3 questions • calculation x2, short answer

Source	Q	Type
2026	2	calculation
2022	3	calculation
2016	2	short answer

15.5 The Photoelectric Effect

2 questions • calculation, short answer

Source	Q	Type
2024	1	calculation
2018	3	short answer

15.6 Compton Scattering

1 question • calculation

Source	Q	Type
2021	4	calculation

15.7 Fission, Fusion, and Nuclear Decay

1 question • calculation

Source	Q	Type
2022	3	calculation