

AP PHYSICS 2 2017

Wednesday, May 3rd 12:00PM

Section I: Multiple-Choice

50 Questions 1 Hour & 30 Minutes

Includes

Individual questions & question sets

Includes

Multi-select questions
Two options are correct

Section II: Free-Response

5 Questions
1 Hour & 30 Minutes

1 Experimental Design Question

3 Short Answer Questions

1 Quantitative & Qualitative Translation

S C O R I N G

Multiple-Choice:

50% of final score

Free-Response:

50% of final score

EXAM TOPICS

Big Idea 1: Objects & systems have masses & charges, and systems may have internal structure.

Big Idea 2: Fields in space can be used to explain interactions.

Big Idea 3: Interactions of an object with other objects can be described by forces.

Big Idea 4: Interactions between systems can result in changes in those systems.

Big Idea 5: Changes resulting from interactions are constrained by conservation laws.

Big Idea 6: Waves can transfer energy & momentum from one location to another without the permanent transfer of mass.

Big Idea 7: Mathematics of probability can describe the behavior of complex systems & interpret the behavior of quantum mechanical systems.