

Midterm Exam No. 01 (2021 Spring)

PHYS 205A-001: UNIVERSITY PHYSICS

Department of Physics, Southern Illinois University–Carbondale

Date: 2021 Feb 15

Honor Pledge: I affirm that I will not give or receive any consultation during this examination.

(Name)

(Signature)

Instructions

- There are 10 questions in this exam.
- To be considered for partial credit present your work in detail and organize it clearly.
- This is a timed exam, from 12:00 PM to 12:50 PM on Monday 2021 Feb 15. This time includes the time required for downloading the exam and uploading the solutions.
- Please submit a single PDF file on D2L. Note that D2L will not allow submissions after 12:50 PM.
- In case of technical issues contact me by email at the earliest. Accommodations will be made after fairness to other students is taken into consideration.
- This is an open book and open resource examination, and use of Internet is allowed. However, consultation is prohibited.

Conceptual questions

1. (5 points.)
2. (5 points.)
3. (5 points.)
4. (5 points.)

Problems

5. (10 points.)
6. (10 points.)
7. (10 points.)
8. (10 points.)
9. (10 points.)
10. (10 points.)