

Exam 4: Kinetics

Instructions:

- Below are 2 sections, each with multiple questions (pages 2 – 5). Submit your answers in a separate document in pdf format.
- Make sure that it is unambiguously clear in your pdf document what question any of your answer/content refers to.
- The exam is **open note and open book**.
- You **may** use any resources provided in class and any resources you find on the internet.
- You **may not** collaborate with others during the exam.
- You **may not** paste diagrams or text that is not your own or copy text verbatim for your answers.
- If a question involves calculations, make sure to clearly outline how you arrived at your result, i.e. explicitly write the equation. Listing just the final results is insufficient.
- Make sure to define **any** variable or parameter you use in your equation, even if their definition may seem obvious. If there is any ambiguity, we may not award full points.
- Keep your answers **brief and concise**.
- You have **24 hours** to complete the exam (starting at 9:30am on Wed, May 4, ending at 9:30am on Thu, May 5).
- Please double-check before submission that your pdf file contains all your answers.
- If you have any problems with understanding the questions or think you found an error, please email Christian (kaiser@jhu.edu), Kevin (kmaciub1@jhu.edu) or Xiuqi (cxiuqi1@jhu.edu).
- You must submit the pdf file with your answer through Blackboard **by 9:30am on Thu, May 5**. Do not wait until the very last minute to submit. In case of technical difficulties with Blackboard, make sure to email your answers to Kevin or Xiuqi.
- **Sign the ethics pledge below** with your name and date it, and **submit the signed pledge** together with your answers.

“I agree to complete this quiz without unauthorized assistance from any person. I will not discuss or share the exam questions, answers or any exam-related material with anyone until 9:30 AM East Coast Time, on Thursday, May 5, 2022.”

 5/4/2022

Signature, Date

Brendon Davis

Good luck with the last exam!