Part I: Matching

1. __H__   4. __G__   7. __B__   10. __E__

2. __G__   5. __C__   8. __D__   11. __F__

3. __J__   6. __A__   9. __K__   12. __I__

Part II: Multiple Choice

13. __A__   15. __A__   17. __B__   19. __A__   21. __A__

14. __B__   16. __A__   18. __B__   20. __A__

Part III: Free Response

22. A question can have parts and subparts

    (a) Here is a part

    Here is its solution

    (b) Here is another part

        i. Its first subpart

        and respective solution

        ii. Next subpart

        and respective solution

    (c) Last part

    solution

23. You can put math here: $y = mx + b$ or alternatively

$$i\hbar \frac{\partial \Psi}{\partial t} = -\frac{\hbar^2}{2m} \frac{\partial^2 \Psi}{\partial x^2} + V\Psi$$

    if you like this better.

    solution can have *math* as well

24. You can include commands from packages imported in the header. These come from the physics package: $\div x$

    and this comes from the hyperref package: google.com

25. Quotation "marks" and % symbols are preserved

    solution

26. (3 points) Indicate point values by preceding questions with curly bracketed numbers

    (a) question1

    And the number of lines the solution will take up

    (b) question2

    If solution size is not explicitly given, it'll try to guess based on the solution you've written. If you write a really long solution, then it will try to allocate more space for the student to match. But sometimes you want to write a long, detailed solution even though the expected solution may not be as long, so it's better to specify the expected number of lines.

27. You can also directly put some LaTeX commands in here

    and they *should* work

28. Back to some sweet

    (a) free

        free

    (b) response

        response

    (c) questions!

        questions

29. By default, no answer sheet is generated at the end of the exam. You must use the ans option to specify if you want an answer sheet for a given question module

    ok

30. But of course, every question module shows up in the answer key

    of course