Organic Chemistry I Syllabus

Assignments (Text Questions from Carey 5th edition)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Assignment | Properties | Reactions | Mechanisms | Synthesis | Structure Determination |
| 1 | 1.34, 1.35, 1.55-1.63, 1.65. |  |  |  |  |
| 2 |  | 2.32,2.34-2.37, 2.39-2.42 |  |  | 2.31 |
| 3 | 4.35-4.30 | 4.32-4.34, 4.38 |  |  |  |
| 4 | 5.27-5.31 | 5.37-5.39, 5.42-5.46 | 5.47-5.48 |  |  |
| 5 | 6.22-6.27 | 6.28-6.35, 6.40-6.42 |  |  | 6.45-6.51 |
| 6 | 8.17 | 8.19, 8.20, 8.25, 8.29, 8.32 | 8.23, 8.30, 8.38, 8.44 | 8.31, 8.35 | 8.34, 8.41, 8.42 |
| 7 |  | 9.21-9.26, 9.29 |  | 9.33, 9.34 | 9.35 |
| 8 |  | 11.31-11.32, 11.37, 11.40 |  |  | 11.33, 11.35 |
| 9 |  | 12.23, 12.26-12.28, 12.30, 12.32-12.40, 12.43 |  |  | 12.41, 12.42. |
| 10 |  | 14.18, 14.20, 14.22-14.23, 14.29, 14.31 |  |  | 14.27 |
| 11 |  | 15.17-15.19, 15.21-15.26, 15.28-15.29. |  | 15.32-15.34, 15.36 | 15.37 |
| 12 |  | 16.26, 16.29 | 16.32 | 16.29, 16.31 | 16.33 |
| 13 |  | 17.23, 17.24, 17.26, 17.28 | 17.34, 17.36 | 17.38, 17.39, 17.42, 17.43. | 17.29, 17.35 |
| 14 |  | 18.23-18.25 | 18.22, 18.39 | 18.26-18.28, 18.31 | 18.36 |
| 15 |  | 19.15, 19.16, 19.19-19.22 |  | 19.17,19.23 |  |
| 16 |  | 20.26 | 20.35 | 20.27, 20.28 | 20.31-20.34, 20.36 |
| 17 |  | 21.18, 21.19, 21.22, 21.23 |  | 21.26, 21.30 | 21.24 |
| 18 | 22.25, 22.26 | 22.28-22.35 |  | 22.38-22.42 |  |
| 19 |  | 23.11, 23.14, 23.15, 23.18 | 23.27 |  | 23.20-23.22 |
| 20 |  | 24.13, 24.15, 24.17 | 24.16, 24.24, 24.29 | 24.18-24.20 | 24.21-24.23 |

Quizzes

* Each Quiz (1 to 20) is in the chapter self-test section located in the solutions manual for Carey (5th edition) in correspondence to each assignment chapter.

Midterms

* There are three midterms in total. Please see the midterm setup section.
* All Midterms are formatted in Multiple Choice and Written Response in reference to a variety of University Organic Chemistry 2nd year syllabus questions.

Final

* There is one final exam that is larger than any of the midterms but has the same midterm format.

Note on the Exam Timings:

* 1 hour is granted in attempting the completion of each quiz.
* 2 hours is granted in attempting the completion of the first midterm.
* 2.5 hours is granted in attempting the completion of the second midterm.
* 3 hours is granted in attempting the completion of the third midterm.
* 4 hours is granted in attempting the completion of the fourth midterm.