Introduction to Topology - Homework MAT 516/616, Spring 2022 - D. Ivanšić

## List of Assigned Problems

Note: comma-separated objects count as one problem that earns the number of points stated in the column

| Section | Type A (5 pts) | Type B $(8 \mathrm{pts})$ | Type C (12pts) |
| :---: | :---: | :---: | :---: |
| $\mathbf{1 . 2}$ | $3,4,9 \mathrm{a}, 9 \mathrm{~b}, 9 \mathrm{~d}, 9 \mathrm{f}, 9 \mathrm{~g}$ | $14,15,16$ | (none) |
| $\mathbf{1 . 3}$ | $2,4,5,7$ | 10,11 | (none) |
| $\mathbf{1 . 4}$ | $2,3,7,8,9,10,11,12,13$ | (none) | (none) |
| $\mathbf{1 . 5}$ | $1,2,3,4,5,6,9,10$ | $7,8,11,12$ | (none) |
| $\mathbf{2 . 1}$ | $1 \mathrm{~b}, 1 \mathrm{f}, 1 \mathrm{i}, 2,5$ | $7,8,9$ | (none) |
| $\mathbf{2 . 2}$ | $1 \mathrm{abe}, 1 \mathrm{~cd}, 1 \mathrm{fg}, 6,7$, | $2,3,4,5,8$, | 10 |
| $\mathbf{2 . 3}$ | $2,3,4,5,6,10,11,12,13$ | $11 \mathrm{ad}, 11 \mathrm{bef}, 12 \mathrm{bef}$ | $1,7,8,9$ |
| $\mathbf{2 . 4}$ | $1,2,8,11,16,17$ | $3,4,5,6,7,14,15$ | (none) |
| $\mathbf{2 . 5}$ | $1,2,3,4,5,6,7$ | 9,10 | 13 |
| $\mathbf{8 . 1}$ | $1 \mathrm{adf}, 3$ | $4,5,7,8,10$ | (none) |
| $\mathbf{3 . 1}$ | $4,5 \mathrm{abc}, 5 \mathrm{def}, 5 \mathrm{ghi}$, | $1,2,3,15,16$ | 6 |
| $\mathbf{3 . 2}$ | $1 \mathrm{ce}, 3,4,5 \& 6$, | (none) |  |
| $\mathbf{3 . 3}$ | $7,8,11,12,13$ | $1,2,3,4,5$, | (none) |
| $\mathbf{3 . 4}$ | $10,13,14 \& 16,20$ | 2,4 | $9,11,15,19$ |

