Name the following molecules using IUPAC nomenclature:

1.

2. NH<sub>2</sub>

3. OH

4. OH

NH<sub>2</sub>

5. NH<sub>2</sub>

6. N

7. NH<sub>2</sub>

8. OH

9. OH

NH 10.

NH<sub>2</sub>

12.

13.

14.

\_N\_\_\_O

16. OH

17. HN

18. OH

19. NH<sub>2</sub>

20.

21.

22. NH

23. OH

24.

25. NH<sub>2</sub>

## CHE102 - Extra Practice - CA/Ester/Amine/Amide - S20 - Ver. 6

- Question 1: 3-methylbutyl methanoate
- Question 2: 4-methyl-1-hexanamine
- Question 3: 2,3,3-trimethylpentanoic acid
- Question 4: 3,4-dimethylhexanoic acid
- Question 5: 3-methylpentanamide
- Question 6: N-butyl-N-methylethanamide
- Question 7: 5,5-dimethyl-3-hexanamine
- Question 8: 2,4-dimethylhexanoic acid
- Question 9: 3,3-dimethylhexanoic acid
- Question 10: N,3,3-trimethyl-2-pentanamine
- Question 11: 3-ethyl-1-hexanamine
- Question 12: ethyl hexanoate
- Question 13: 3-methylpentyl methanoate
- Question 14: N,3-trimethyl-3-pentanamine
- Question 15: N,N-dimethylmethanamide
- Question 16: butanoic acid
- Question 17: N,4-dimethylhexanamide
- Question 18: 3-ethylpentanoic acid
- Question 19: 6-methylheptanamide
- Question 20: 1-pentyl propanoate
- Question 21: pentyl ethanoate
- Question 22: N-ethyl-2-methyl-2-pentanamine
- Question 23: 2-ethylhexanoic acid
- Question 24: N-ethyl-3-methylbutanamide
- Question 25: 2,4-dimethyl-2-hexanamine