

Alcohol Phenol Ether

1. The IUPAC name of $\text{CH}_3\text{CH}_2\text{OH}$ is:
 - a) Methyl alcohol
 - b) Ethanol
 - c) Ethyl alcohol
 - d) Propanol
2. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ is:
 - a) Ethanol
 - b) Propanol
 - c) Butanol
 - d) Propan-1-ol
3. The IUPAC name of $(\text{CH}_3)_2\text{CHOH}$ is:
 - a) Ethanol
 - b) Propanol
 - c) Propan-2-ol
 - d) Butanol
4. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ is:
 - a) Butanol
 - b) Butan-1-ol
 - c) Propanol
 - d) Pentanol
5. The IUPAC name of $\text{C}_6\text{H}_5\text{OH}$ is:
 - a) Phenol
 - b) Benzyl alcohol
 - c) Benzoic acid
 - d) Aniline
6. The IUPAC name of $\text{C}_6\text{H}_4(\text{OH})_2$ (para) is:
 - a) Catechol
 - b) Hydroquinone
 - c) Resorcinol
 - d) Pyrogallol
7. The IUPAC name of CH_3OCH_3 is:
 - a) Dimethyl ether
 - b) Methoxyethane
 - c) Methanol
 - d) Methoxymethane
8. The IUPAC name of $\text{CH}_3\text{CH}_2\text{OCH}_3$ is:
 - a) Dimethyl ether
 - b) Ethyl methyl ether
 - c) Methoxyethane
 - d) Ethoxyethane

9. The IUPAC name of $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_3$ is:
- Ethyl methyl ether
 - Diethyl ether
 - Ethoxyethane
 - Ethyl ether
10. The IUPAC name of $\text{C}_6\text{H}_5\text{CH}_2\text{OH}$ is:
- Benzyl alcohol
 - Phenol
 - Benzoic acid
 - Benzene-1-ol
11. The IUPAC name of $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ is:
- Butanol
 - 2-Methylpropan-1-ol
 - Isobutanol
 - Isopropanol
12. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$ is:
- Butanol
 - Butan-1-ol
 - Butan-2-ol
 - Propanol
13. The IUPAC name of $\text{CH}_3(\text{CH}_2)_2\text{CH}_2\text{OH}$ is:
- Propanol
 - Butan-1-ol
 - Pentanol
 - Butan-2-ol
14. The IUPAC name of $\text{CH}_3(\text{CH}_2)_4\text{OH}$ is:
- Pentanol
 - Hexanol
 - Butanol
 - Pentan-1-ol
15. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}_2\text{OCH}_2\text{CH}_3$ is:
- Propyl ethyl ether
 - Ethyl propyl ether
 - Ethoxypropane
 - Methoxypropane
16. The IUPAC name of $\text{C}_6\text{H}_4(\text{OH})_2$ (meta) is:
- Catechol
 - Hydroquinone
 - Resorcinol
 - Pyrogallol
17. The IUPAC name of $(\text{CH}_3)_3\text{COH}$ is:
- Tert-butanol
 - 2-Methylpropan-2-ol
 - Isobutanol
 - Butan-2-ol

18. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ is:
- Pentan-1-ol
 - Pentanol
 - Butanol
 - Hexanol
19. The IUPAC name of $\text{C}_6\text{H}_5\text{OCH}_3$ is:
- Methoxybenzene
 - Phenyl methanol
 - Benzyl alcohol
 - Anisole
20. The IUPAC name of $\text{CH}_3(\text{CH}_2)_2\text{OCH}_3$ is:
- Ethyl methyl ether
 - Propyl methyl ether
 - Methoxypropane
 - Propoxyethane
21. The IUPAC name of $(\text{CH}_3)_2\text{CHCH}_2\text{OCH}_3$ is:
- Methyl isopropyl ether
 - Isopropyl methyl ether
 - Methoxyisopropane
 - Ethoxypropane
22. The IUPAC name of $\text{C}_6\text{H}_5\text{CH}_2\text{OCH}_3$ is:
- Benzyl methyl ether
 - Methoxybenzene
 - Methoxybenzyl
 - Phenylmethoxy
23. The IUPAC name of $(\text{CH}_3)_2\text{CHOCH}_2\text{CH}_3$ is:
- Isopropyl ethyl ether
 - Ethyl isopropyl ether
 - Propoxyethane
 - Ethoxypropane
24. The IUPAC name of $(\text{CH}_3)_3\text{COCH}_3$ is:
- Methyl tert-butyl ether
 - tert-Butyl methyl ether
 - Isobutyl methyl ether
 - Methoxybutane
25. The IUPAC name of $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_2\text{CH}_3$ is:
- Ethyl propyl ether
 - Propyl ethyl ether
 - Ethoxypropane
 - Propoxyethane

Answer Key:

- b) Ethanol
- d) Propan-1-ol
- c) Propan-2-ol
- b) Butan-1-ol
- a) Phenol

6. b) Hydroquinone
7. d) Methoxymethane
8. b) Ethyl methyl ether
9. c) Ethoxyethane
10. a) Benzyl alcohol
11. b) 2-Methylpropan-1-ol
12. c) Butan-2-ol
13. b) Butan-1-ol
14. a) Pentanol
15. a) Propyl ethyl ether
16. c) Resorcinol
17. b) 2-Methylpropan-2-ol
18. a) Pentan-1-ol
19. d) Anisole
20. b) Propyl methyl ether
21. a) Methyl isopropyl ether
22. a) Benzyl methyl ether
23. b) Ethyl isopropyl ether
24. b) tert-Butyl methyl ether
25. a) Ethyl propyl ether