

IUPAC Naming MCQs



Multiple Choice Questions (MCQs) on IUPAC Names of Phenols, Alcohols, and Ethers

Phenols

1. What is the IUPAC name of C_6H_5OH ?
 - A) Phenol
 - B) Benzene
 - C) Toluene
 - D) Aniline
2. The IUPAC name of 4-Methylphenol is:
 - A) Benzene
 - B) Toluene
 - C) p-Cresol
 - D) Aniline
3. What is the IUPAC name of the compound with the formula $C_6H_4(OH)_2$ where the hydroxyl groups are on the 1 and 2 positions?
 - A) Hydroquinone
 - B) Resorcinol
 - C) Catechol
 - D) Phenol

Alcohols

4. What is the IUPAC name of CH_3OH ?
 - A) Methanol
 - B) Ethanol
 - C) Propanol
 - D) Butanol
5. The IUPAC name of C_2H_5OH is:
 - A) Methanol
 - B) Ethanol
 - C) Propanol
 - D) Butanol
6. What is the IUPAC name for an alcohol with the molecular formula C_3H_7OH ?
 - A) Methanol
 - B) Ethanol
 - C) Propanol
 - D) Butanol
7. What is the IUPAC name of $CH_3CH_2CH_2OH$?
 - A) Methanol
 - B) Ethanol

- C) Propanol
 - D) Butanol
8. The IUPAC name of C_4H_9OH is:
- A) Methanol
 - B) Ethanol
 - C) Propanol
 - D) Butanol
9. What is the IUPAC name for an alcohol with the molecular formula $C_5H_{11}OH$?
- A) Methanol
 - B) Ethanol
 - C) Pentanol
 - D) Butanol

Ethers

10. What is the IUPAC name of CH_3OCH_3 ?
- A) Methoxy methane
 - B) Ethoxy ethane
 - C) Propoxy propane
 - D) Butoxy butane
11. The IUPAC name of $C_2H_5OC_2H_5$ is:
- A) Methoxy methane
 - B) Ethoxy ethane
 - C) Propoxy propane
 - D) Butoxy butane
12. What is the IUPAC name for an ether with the molecular formula $C_3H_7OC_3H_7$?
- A) Methoxy methane
 - B) Ethoxy ethane
 - C) Propoxy propane
 - D) Butoxy butane
13. What is the IUPAC name of $CH_3CH_2OCH_3$?
- A) Ethoxy ethane
 - B) Methoxy methane
 - C) Methoxy ethane
 - D) Ethoxy methane
14. The IUPAC name of $C_4H_9OCH_3$ is:
- A) Methoxy methane
 - B) Ethoxy ethane
 - C) Butoxy methane
 - D) Methoxy butane
15. What is the IUPAC name for an ether with the molecular formula $C_2H_5OCH_2CH_3$?
- A) Methoxy methane
 - B) Ethoxy ethane
 - C) Propoxy propane
 - D) Ethoxy ethane

- 3. C
- 4. A
- 5. B
- 6. C
- 7. C
- 8. D
- 9. C
- 10. A
- 11. B
- 12. C
- 13. C
- 14. D
- 15. D

Answer Key

- 1. A
- 2. C