

## Worksheet: Alcohols, Phenols, and Ethers

Bihar State Board · Class 12 · Chemistry · 5 questions · 11 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 11

**Q1.** Distinguish between ethanol and phenol using a chemical test. [2 marks]

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**Q2.** What is the product when phenol reacts with excess bromine water? [2 marks]

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**Q3.** Arrange in decreasing order of acidity: water, ethanol, phenol, p-nitrophenol. [3 marks]

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**Q4.** Write the product when anisole ( $\text{CH}_3\text{OC}_6\text{H}_5$ ) reacts with HI. [2 marks]

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**Q5.** Name and complete:  $\text{C}_6\text{H}_5\text{ONa} + \text{CO}_2$  followed by  $\text{H}^+$  gives what? [2 marks]

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