

- Question 1: 3-ethyl-4-hydroxy-4-methyl-2-heptanone
- Question 2: 1-ethoxy-2-methylhexane
- Question 3: 2,3-dimethylhexanal
- $\label{eq:Question 4: 2-bromo-6-ethoxyheptane} Question \ 4: \ 2\text{-bromo-6-ethoxyheptane}$
- Question 5: 4-hydroxy-3-methyl-2-pentanone
- Question 6: 2-heptanone
- Question 7: 2-hydroxypropanedial
- Question 8: 5-bromo-4-octanol
- Question 9: 2-hydroxypropanal
- Question 10: 4-methyl-3-hexanone
- Question 11: 2-methoxy-3-propoxybutane
- Question 12: ethoxyethane
- Question 13: 1,1,2,2-tetramethoxyethane
- Question 14: 3-hydroxyhexanal
- Question 15: 1,2-dipropoxypropane
- Question 16: 2-ethyl-1-butanol
- Question 17: 3-methylheptanal
- Question 18: 5-hydroxy-2,5,6-trimethyl-3-heptanone
- Question 19: 2-ethyl-3-hydroxybutanal
- Question 20: 1-methoxy-4,4-dimethylpentane
- Question 21: 2-chloro-4-fluoro-3-methoxy-3-methylpentane
- Question 22: 1-chloro-2-fluoro-4,4-dimethoxypentane
- Question 23: 2,4-dibromo-3-fluoro-1-pentanol
- Question 24: 3-ethoxy-2,4-dimethoxypentane
- Question 25: 2,2-dimethyl-1-propanol