

## Mark schemes

**Q1.**

C

*3-bromo-3-methylhexane*

[1]

**Q2.**

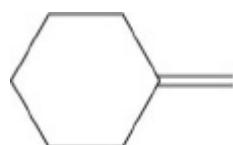
A

*Ozone absorbs ultraviolet radiation*

[1]

**Q3.**

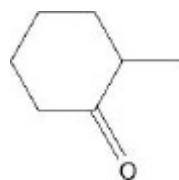
B



[1]

**Q4.**

B



[1]

**Q5.**

D

*Ozone absorbs ultraviolet radiation.*

[1]

**Q6.**

A

*butan-1-ol*

[1]

**Q7.**

A

*base*

[1]

**Q8.****B****[1]**