

question 8. On monochlorination of 2-methylbutane, the total number of chiral compounds obtained is.

- A. 2
- B. 4
- C. 6
- D. 8

**Solution:** (A)

During the monochlorination of 2 methyl butane, four compounds are possible however only two of them will be chiral in nature. Here, I and III are chiral.

