

Dinucleotide is obtained by joining two nucleotides together by phosphodiester linkage. Between which carbon atoms of pentose sugars of nucleotides are these linkages present?

- (i) 5' and 3'
- (ii) 1' and 5'
- (iii) 5' and 5'
- (iv) 3' and 3'

Ans: (i)

The hydroxyl group in the 3' carbon of the sugar bonds with the phosphate of the 5' carbon