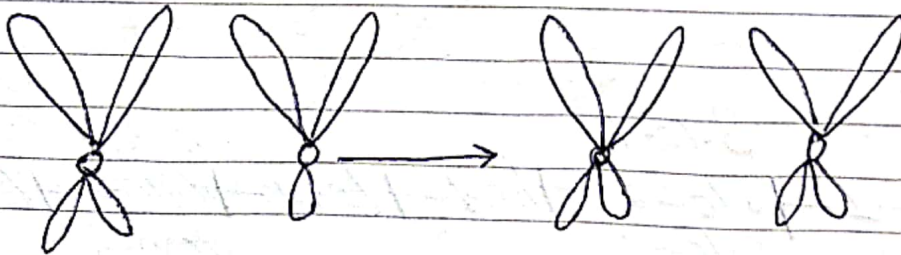


## In Drosophila:-

- 9 - Hyperactivity of one X-chromosome in male Drosophila, rather than due to the inactivation of X-chromosome in female.
- 10
- 11 - The X-chromosome in male has a higher affinity for non-histone chromosomal proteins suggesting that this X-chromosome has higher template activity.
- 12
- 1 The X-chromosome of male Drosophila in salivary glands was twice as wide as a synapsed autosome.
- 2
- 3
- 4 - As a result the level of transcription of genes carried by the X-chromosome is the same in both sexes.
- 5
- 6 - There is a two-fold up-regulation of X-chromosome in males to match the expression of female XX-chromosome.
- 7



NOTES

XY chromosomes  
of males.XX chromosomes of  
females