

Q-6. The crossing over takes place during :

- (a) leptotene
- (b) zygotene
- (c) pachytene
- (d) diplotene

SECTION-B

Q-7. Multicellular organisms have division of labour. Explain..

- Q8.(a) What are kinetochores ?
(b) Mention the significance of meiosis.

- Q-9.(a) How does cytokinesis in plant cells differ from that in animal cells ?
(b) Why is mitosis called equational division?

- Q-10 (a) During which part of interphase does active synthesis of RNA and proteins take place.
(b). What are homologous chromosomes ?

SECTION-C

- Q-11. Describe the following words
(a) Synapsis (b) Bivalent (c) Chiasmata

Q-12. What is a centromere ? How does the position of centromere form the basis of classification of chromosomes?
