

winter holiday (11th)

Q1: Provide appropriate technical term in the space provided:-

- (a) Blood-filled cavity in arthropods _____
- (b) Free-floating form of cnidaria _____
- (c) stinging organ of jelly fishes _____
- (d) Lateral appendage _____

Q2: Draw a labelled diagram of areolar connective tissue, where is it found in human body.

Q3: Explain the structure of DNA. Write any three major differences b/t DNA and RNA.

Q4: Name stage of cell cycle at which each one of the following events occurs:

- (a) chromosomes are moved to spindle equator.
- (b) centromere splits and chromatids separate.
- (c) Pairing between homologous chromosomes occurs.
- (d) crossing over between homologous chromosomes takes place.

Q5: Write 3 differences b/t cytokinesis and karyokinesis.