

SECTION B

2. Differentiate between Qualitative and Quantitative trait giving examples
3. Explain Mendel's Dihybrid Cross Experiment and its significance.
4. What is transcription? Discuss role of RNA polymerases in transcription process.
5. Define mutation. Explain different methods used for induction of mutation.
6. Define karyotype. Discuss its role in genetics

SECTION C

7. Elaborate on current theories of evolution of wheat.
8. Explain different stages of Mitotic process along with schematic diagrams
9. Write short note on Genetic Code.