

School of Medical and Allied Sciences

Pharmacy
ETE - May 2023

Time : 3 Hours

Marks : 75

Sem VIII - BP808ET - Cell and Molecular Biology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Define Plastids. K1 CO1 (2)
2. Illustrate functions of the cell. K2 CO1 (2)
3. What is RNA? K1 CO2 (2)
4. Explain Translation. K2 CO2 (2)
5. Tell about functions of Protein. K1 CO3 (2)
6. Interpret Cellular Processes in short. K2 CO3 (2)
7. Tell about Incomplete Dominance. K1 CO4 (2)
8. Extend Meiosis. K2 CO4 (2)
9. What is Paracrine Signal? K1 CO5 (2)
10. Interpret steps of signal trasduction. K2 CO5 (2)
11. Build the structure of the Plant cell. K3 CO1 (5)
or
Build a detailed note on cell contents
12. Distinguish the Cell membrane and draw its structure. K4 CO1 (5)
13. Develop a note on structure of DNA. K3 CO2 (5)
14. Distinguish DNA. K4 CO2 (5)

OR
Simplify Translation and Transcreption.
15. Organize a note on Regularities in Protein Pathways. K3 CO3 (5)
16. Analyze the secondary structure of protein. K4 CO3 (5)
OR
Classify the proteins along with example.
17. Elaborate Receptors for Cell Signals K6 CO5 (5)
18. Justify Genomic Analysis K5 CO4 (10)
19. Discuss Cell Signaling in detail. K6 CO5 (10)
OR
Discuss Modes of cell signaling with structure.