

Q-5	Attempt all questions	(14)
A	Describe energetic and reactions of TCA cycle.	7
B	Explain gluconeogenesis.	7
Q-6	Attempt all questions	(14)
A	Give an account of hexose monophosphate pathway and mention its importance.	7
B	Describe cell organelles with their roles.	7
Q-7	Attempt all questions	(14)
A	Draw a neat and labeled diagram of eukaryotic cell.	7
B	Explain in detail about active transport process.	7
Q-8	Attempt all questions	(14)
A	What are co-enzymes? Write a note on the role of co-enzymes in enzyme action.	7
B	Describe the mechanism of enzyme inhibition.	7

