

CIE AS Biology

TOPIC CHECKLIST

Section	Topic	Studied (✓ / X)	Notes (✓ / X)	Multiple Choice (%)	Theory (%)
1. Cell Structure	The microscope in cell studies				
	Cells as the basic units of living organisms				
2. Biological Molecules	Testing for biological molecules				
	Carbohydrates & Lipids				
	Proteins & Water				
3. Enzymes	Mode of action of enzymes				
	Factors that affect enzyme action				
4. Cell Membranes & Transport	Fluid mosaic membranes				
	Movement of substances into & out of cells				
5. The Mitotic Cell Cycle	Replication & division of nuclei & cells				
	Chromosome behaviour in mitosis				
6. Nucleic Acids & Protein Synthesis	Structure & Replication DNA				
	Protein Synthesis				
7. Transport in Plants	Structure of transport tissues				
	Transport Mechanisms				
8. Transport in Mammals	The Circulatory system				
	The Heart				
9. Gas Exchange & Smoking	The gas exchange system				
	Smoking				
10. Infectious Disease	Infectious Disease				
	Antibiotics				
11. Immunity	The Immune System				
	Antibodies & Vaccination				