

Revision (5–6 weeks from exam)

Session	Topic	Subtopic	Important lessons	Done
1	Unit 3: How Do Cellular Processes Work?	Plasma Membranes	<u>The Fluid Mosaic Model, Diffusion, Osmosis</u>	<input type="radio"/>
2		Nucleic Acids and Proteins	<u>DNA and RNA Structure, Protein Synthesis</u>	<input type="radio"/>
		Gene Structure and Regulation	<u>Introduction to Gene Expression</u>	<input type="radio"/>
		Biological Pathways	<u>Enzymes</u>	<input type="radio"/>
		Photosynthesis	<u>Photosynthesis</u>	<input type="radio"/>
3		Cellular Respiration	<u>Respiration, Anaerobic Respiration</u>	<input type="radio"/>
	Unit 3: How Do Cells Communicate?	Cellular Signals	<u>The Endocrine System, Malfunctions in Apoptosis</u>	<input type="radio"/>
4		Responding to Antigens	<u>Introduction to Disease, Types of Pathogens, Introduction to Immunity</u>	<input type="radio"/>
		Immunity	<u>Types of Immunity</u>	<input type="radio"/>
5	Unit 4: How Are Species Related?	Changes in the Genetic Makeup of a Population	<u>Gene Pools, Darwin's Theory of Natural Selection, Speciation, Selective Breeding</u>	<input type="radio"/>
6		Changes in Biodiversity Over Time	<u>Fossil Evidence for Evolution, Structural Morphology, Comparative Embryology</u>	<input type="radio"/>
7		Determining Relatedness Between Species	<u>Molecular Evidence: DNA Sequencing, Phylogenetic Trees</u>	<input type="radio"/>
		Human Change Over Time	<u>Human Classification</u>	<input type="radio"/>
	Unit 4: How Do Humans Impact on Biological Processes?	DNA Manipulation	<u>Recombinant DNA, Bacterial Transformation</u>	<input type="radio"/>
8		Biological Knowledge and Society	<u>Uses of Transgenic Organisms, The Effect of Biotechnology on Biodiversity</u>	<input type="radio"/>

Practice (3–4 weeks from exam)

Session	Topic	Subtopic	Confidence	Done
9	Unit 3: How Do Cellular Processes Work?	Plasma Membranes	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
10		Nucleic Acids and Proteins	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Gene Structure and Regulation	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Biological Pathways	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Photosynthesis	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
11	Unit 3: How Do Cells Communicate?	Cellular Respiration	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Cellular Signals	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
12		Responding to Antigens	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Immunity	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
13		Changes in the Genetic Makeup of a Population	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
14	Unit 4: How Are Species Related?	Changes in Biodiversity Over Time	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
15		Determining Relatedness Between Species	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Human Change Over Time	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		DNA Manipulation	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
16		Biological Knowledge and Society	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>