

Revision (5–6 weeks from exam)

Session	Topic	Subtopic	Important lessons	Done
1	DNA and Proteins	DNA	<u>DNA and RNA Structure, DNA Replication</u>	<input type="checkbox"/>
		Proteins	<u>Protein Synthesis</u>	<input type="checkbox"/>
		Enzymes	<u>Enzymes</u>	<input type="checkbox"/>
2		Gene Expression	<u>Introduction to Gene Expression</u>	<input type="checkbox"/>
		Mutation	<u>Introduction to Mutation</u>	<input type="checkbox"/>
		Biotechnology	<u>Applications of DNA Profiling, Uses of Transgenic Organisms</u>	<input type="checkbox"/>
3	Cells as the Basis of Life	Cell Basics	<u>Cell Organelles</u>	<input type="checkbox"/>
		Cell Membrane	<u>The Fluid Mosaic Model</u>	<input type="checkbox"/>
		Energy in Cells	<u>Photosynthesis, Respiration</u>	<input type="checkbox"/>
4		Reproduction	<u>Evaluating Methods of Reproduction</u>	<input type="checkbox"/>
		Cell Replication	<u>Mitosis, Meiosis</u>	<input type="checkbox"/>
5	Homeostasis	Homeostasis	<u>Introduction to Homeostasis</u>	<input type="checkbox"/>
		The Nervous System	<u>The Nervous System, Action Potentials</u>	<input type="checkbox"/>
6		The Endocrine System	<u>The Endocrine System</u>	<input type="checkbox"/>
		Thermoregulation	<u>Thermoregulation (Part 1): Overall Process</u>	<input type="checkbox"/>
		Osmoregulation	<u>Osmoregulation in Animals (Part 1): Overall Process</u>	<input type="checkbox"/>
7	Evolution	Classification	<u>Phylogenetic Trees</u>	<input type="checkbox"/>
		Genetic Variation and Evolution	<u>Darwin's Theory of Natural Selection, Speciation</u>	<input type="checkbox"/>
8		Evidence for Evolution	<u>Fossil Evidence for Evolution, Molecular Evidence: DNA Sequencing</u>	<input type="checkbox"/>
		Succession and Extinction	<u>Stages of Succession, Extinction</u>	<input type="checkbox"/>
		Human Impacts and Conservation	<u>Human Impacts on Ecosystems Series</u>	<input type="checkbox"/>

Practice (3–4 weeks from exam)

Session	Topic	Subtopic	Confidence	Done
9	DNA and Proteins	DNA	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Proteins	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Enzymes	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
10		Gene Expression	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Mutation	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Biotechnology	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
11	Cells as the Basis of Life	Cell Basics	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Cell Membrane	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Energy in Cells	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
12		Reproduction	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Cell Replication	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
13	Homeostasis	Homeostasis	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		The Nervous System	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
14		The Endocrine System	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Thermoregulation	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Osmoregulation	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
15	Evolution	Classification	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Genetic Variation and Evolution	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
16		Evidence for Evolution	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Succession and Extinction	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Human Impacts and Conservation	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>