Biology 11 Final Exam Content Review

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-cell theory p. 197, #1-10
-prokaryotes vs eukaryotes p. 199, #1-9
-organelles
-cell membranes, diffusion, osmosis, facilitated diffusion, active transport

Chapter 8-Photosynthesis p. 217, #1-10
-autotrophs and heterotrophs p. 219, #1-9
-ATP
-reactions of photosynthesis (light dependant and independant)
-factors affecting

Chapter 9-Cellular Respiration p. 237, #1-10
-glycolysis, fermentation, Kreb's Cycle and Electron Transport p. 239, #1-9
-energy and exercise

Chapter 15-Darwin's Theory
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-single and polygenic traits p. 413, #1-10
-natural selection on single and polygenic traits p. 415, #1-10
-directional, disruptive and stabilizing selection
-genetic drift and genetic equilibrium
-reproductive isolation
-behavioural, geographic, temporal

Chapter 18-Classification
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-Kingdoms and Domains
-dichotomous keys

Chapter 19-Bacteria and Viruses
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-viruses and viral infections
-diseases caused by bacteria and viruses

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Chapter 21-Kingdom Fungi
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-bryophytes, seedless vascular, seed plants (angiosperm and gymnosperm) p. 575, #1-10
-monocots/dicots, annual/biennial/perennial p. 577, #1-11

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-plant tissue types
-root types, structure, function and growth p. 605, #1-10
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Chapter 26-Introduction to the Animal Kingdom
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-cell specialization,embryonic development,body symmetry,cephalization,body cavity formation
-Sponges and Cnidarians
-classification, ecology, form and function

Chapter 29.2-Form and Function in Invertebrates p. 761, #1-10 p. 763, #1-10

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