

Biology Final Exam

Content Domain 1: Cells

1. Cell
2. Organelles
3. Osmosis
4. Facilitated Diffusion
5. Diffusion
6. Prokaryotic
7. Eukaryotic
8. Active Transport
9. Mitosis
10. Meiosis
11. Binary Fission
12. Cytokinesis
13. Chromosome
14. Chromatin
15. Selective Permeability
16. Equilibrium
17. Homeostasis
18. Enzyme
19. Substrate
20. Active Site

Content Domain 2: Organisms

21. Photosynthesis
22. Cellular Respiration
23. ATP
24. Fermentation
25. Virus
26. Animal Kingdom
27. Plant Kingdom
28. Fungi Kingdom
29. Protist Kingdom
30. Eubacteria Kingdom
31. Archeabacteria Kingdom
32. Carbohydrate
33. Protein
34. Lipid
35. Nucleic Acid
36. Taxonomy
37. Binomial Nomenclature
38. Classification
39. Cladogram
40. Dichotomous Key

Content Domain 3: Genetics

41. Genetics
42. DNA
43. RNA
44. Codon
45. Anticodon
46. Transcription
47. Translation
48. Law of Independent Assortment
49. Law of Segregation
50. DNA Replication
51. Genotype
52. Phenotype
53. Heterozygous
54. Homozygous
55. Dominant
56. Recessive
57. Mutation
58. Haploid
59. Diploid
60. Genetic Engineering

Content Domain 4: Ecology

61. Ecology
62. Biosphere
63. Ecosystem
64. Community
65. Population
66. Organism
67. Primary Succession
68. Secondary Succession
69. Food Web
70. Food Chain
71. Trophic Level
72. Autotroph
73. Heterotroph
74. Symbiosis
75. Habitat
76. Carrying Capacity
77. Pollution
78. Biotic
79. Abiotic
80. Niche

Content Domain 5: Evolution

81. Evolution
82. Speciation
83. Natural Selection
84. Radioactive Dating
85. Gradualism
86. Punctuated Equilibrium
87. Convergent Evolution
88. Divergent Evolution
89. Coevolution
90. Homologous Structures
91. Analogous Structures
92. Vestigial Organs
93. Biodiversity
94. Adaptation
95. Macroevolution
96. Microevolution
97. Directional Selection
98. Stabilizing Selection
99. Artificial Selection
100. Adaptive Radiation