

## Section B: Enzyme KEY:

1.  $\alpha$ -amylase, pancreatic
2.  $\alpha$ -amylase, salivary
3. acyl-CoA cholesterol acyltransferase (ACAT)
4. adenine phosphoribosyltransferase
5. adenylate kinase
6. adenylyl cyclase
7. aminoacyl-tRNA synthetase, Class I
8. aminoacyl-tRNA synthetase, Class II
9. aminotransferase
10. apoprotein B-100
11. apoprotein E
12. aspartate transcarbamoylase (ATCase)
13. carbamoyl-phosphate synthetase I (CPS-I)
14. carbamoyl-phosphate synthetase II (CPS-II)
15. carboxypeptidase A
16. carboxypeptidase B
17. catalase
18. cellulase
19. chlorophylls
20. cholesterol ester transfer protein
21. chylomicrons
22. clathrin
23. cyclooxygenase 1 (COX-1)
24. cyclooxygenase 2 (COX-2)
25. Dam methylase
26. dihydrofolate reductase (DHFR)
27. DNA ligase
28. dUTPase
29. *E. coli* DNA polymerase I
30. *E. coli* DNA polymerase II
31. *E. coli* DNA polymerase III
32. endonuclease III
33. exonuclease III
34. fatty acid synthase
35. ferredoxin
36. glucagon
37. glucokinase
38. glucose-6-phosphatase
39. glutamate decarboxylase (GAD)
40. glutamate dehydrogenase
41. glutamate-aspartate aminotransferase
42. glutamine synthetase
43. glycogen branching enzyme
44. glycogen debranching enzyme
45. glycogen phosphorylase
46. glycogen synthase
47. glycogenin
48. glycosidase
49. guanylate kinase
50. guanylyl transferase
51. HIV reverse transcriptase
52. HMG-CoA reductase
53. homeobox domain protein
54. hypoxanthine-guanine phosphoribosyltransferase (HGPRT)
55. inorganic pyrophosphatase
56. insulin
57. LDL receptor
58. lecithin:cholesterol acyltransferase (LCAT)
59. lipase, diacylglycerol (DAG)
60. lipase, monoacylglycerol (MAG)
61. lipase, triacylglycerol (TAG)
62. 3-methyl adenine DNA glycosylase
63. nitrate reductase
64. nitrite reductase
65. nitrogenase
66. nucleoside diphosphate kinase
67. nucleoside monophosphate kinase
68. ornithine decarboxylase (ODC)
69. ornithine transcarbamoylase (OTCase)
70. orotate phosphoribosyltransferase
71. perforin
72. phenylalanine hydroxylase (PAH)
73. phosphoglucomutase
74. photolyase
75. photosystem I
76. photosystem II
77. poly (A) polymerase
78. prion protein
79. PRPP-dependent phosphoribosyltransferase
80. pyrimidine dimer DNA glycosylase
81. ribonucleotide reductase
82. ribosome
83. ribozyme
84. RNA polymerase I
85. RNA polymerase II
86. RNA polymerase III
87. RNase H
88. rubisco (ribulose biphosphate carboxylase)
89. serum albumin
90. superoxide dismutase
91. thioredoxin
92. thioredoxin reductase
93. thymidylate synthase (TS)
94. thymine mismatch DNA glycosylase
95. topoisomerase
96. trypsin
97. UDP-glucose pyrophosphorylase
98. uracil-DNA glycosylase
99. urease
100. xanthine oxidase