

**Final Exam Section C:  
Key for structure identification**

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|--|-------------------------------------|
| 1. Adenine                                 | 40. $\alpha$ -Ketoglutarate         |
| 2. Adenosine 3'-monophosphate (3'-AMP)     | 41. LDL receptor                    |
| 3. Adenosine 5'-diphosphate (ADP)          | 42. Leucine                         |
| 4. Adenosine 5'-monophosphate (AMP)        | 43. Linoleic Acid (18:2)            |
| 5. Adenosine 5'-triphosphate (ATP)         | 44. $\alpha$ -Linolenic Acid (18:3) |
| 6. Adrenaline                              | 45. Low density lipoprotein (LDL)   |
| 7. Alanine                                 | 46. Lysine                          |
| 8. Amylopectin                             | 47. Methionine                      |
| 9. Amylose                                 | 48. Oleic Acid (18:1)               |
| 10. Arachidonic Acid (20:4)                | 49. Palmitic Acid (16:0)            |
| 11. Arginine                               | 50. Phenylalanine                   |
| 12. Aspartic acid                          | 51. Proline                         |
| 13. AZT (3'-azido-2'-deoxythymidine)       | 52. Pyrophosphate                   |
| 14. Carbonyl-phosphate                     | 53. $\beta$ -D-Ribofuranose         |
| 15. Cellobiose                             | 54. Ribose                          |
| 16. Cholesterol                            | 55. Ribulose-5-phosphate            |
| 17. Citrulline                             | 56. Selenocysteine                  |
| 18. Cytidine                               | 57. Stearic Acid (18:0)             |
| 19. Cytidine 5'-monophosphate (CMP)        | 58. Thymine                         |
| 20. Cytosine                               | 59. Thymine dimer                   |
| 21. $\beta$ -D-2-Deoxyribofuranose         | 60. tRNA                            |
| 22. Deoxyribose                            | 61. Tryptophan                      |
| 23. Epinephrine                            | 62. UDP-glucose                     |
| 24. 5-Fluorouracil                         | 63. Uracil                          |
| 25. Fructose-1-phosphate                   | 64. Urea                            |
| 26. Fructose-6-phosphate                   | 65. Uric Acid                       |
| 27. Guanosine                              | 66. Uridine                         |
| 28. Guanosine 5'-monophosphate (GMP)       | 67. Uridine 5'-monophosphate (UMP)  |
| 29. Glucose-1-phosphate                    | 68. Valine                          |
| 30. Glucose-6-phosphate                    | 69. Xanthine                        |
| 31. Glycerol                               | 70. NONE OF THE ABOVE               |
| 32. Glycogen                               |                                     |
| 33. Glycogenin                             |                                     |
| 34. HDL receptor                           |                                     |
| 35. High density lipoprotein (HDL)         |                                     |
| 36. Hypoxanthine                           |                                     |
| 37. Inosine                                |                                     |
| 38. Intermediate density lipoprotein (IDL) |                                     |
| 39. Isoleucine                             |                                     |