



2007 AMERICAN CHEMICAL SOCIETY High School Chemistry Scholarship Examination

Hosted by

DEPARTMENT OF CHEMISTRY AND CHEMICAL BIOLOGY
Indiana University Purdue University Indianapolis

April 14, 2007

Key to Examination

1. A	26. E	51. C	76. B
2. A	27. C	52. E	77. A
3. E	28. A	53. E	78. E
4. D	29. E	54. E	79. A
5. E	30. D	55. C	80. B
6. E	31. B	56. D	81. D
7. D	32. E	57. E	82. A
8. C	33. A	58. C	83. B
9. E	34. D	59. D	84. A
10. A	35. B	60. B	85. A
11. B	36. D	61. B	86. D
12. D	37. C	62. B	87. C
13. C	38. C	63. A	88. E
14. B	39. C	64. A	89. C
15. C	40. A	65. C	90. B
16. D	41. D	66. E	91. E
17. C	42. D	67. A	92. C
18. A	43. C	68. B	93. C
19. D	44. D	69. B	94. B
20. D	45. C	70. B	95. C
21. A	46. A	71. C	96. B
22. D	47. B	72. B	97. D
23. B	48. C	73. C	98. E
24. A	49. A	74. A	99. C
25. B	50. E	75. B	100. A

STATISTICS

First Year Exam Performance

Advanced Exam Performance

<i>N</i>	84	45
<i>Mean</i>	46	62
<i>High</i>	77	88 (2)
<i>Low</i>	14	26
<i>Standard Deviation</i>	13.4	16.5
<i>Test Reliability</i>	0.89	0.94
<i>Std. Error of Measurement</i>	4.4	4.2