

**University of Toronto
National Biology Competition**

**2009 Examination
April 30, 2009**

Answer Key

1. b	11. c	21. d	31. c	41. b
2. b	12. e	22. b	32. b	42. c
3. d	13. c	23. a	33. e	43. d
4. e	14. a	24. b	34. d	44. a
5. c	15. e	25. e	35. d	45. d
6. a, b *	16. b	26. d	36. b	46. e
7. c	17. a	27. a	37. c	47. d
8. b *	18. e	28. e	38. c	48. c
9. d	19. d	29. a	39. a	49. c
10. e	20. c	30. b	40. e	50. a

* Notes:

There are two correct responses for Question #6; this was unintentional. Students receive credit if they selected 6a or 6b.

The correct response to Question #8 is “b”. However students who selected 8a also received credit, as there is an error in a commonly used Grade 12 Biology textbook which incorrectly states that “transcription must proceed in the correct direction along the sense strand.” Transcription occurs along the anti-sense strand.