

12th International Biology Olympiad

Answer Key to the Theoretical Part B

B01	3, 4, 2	B21	Deleted
B02	a 0.05 molar	B22	answer 3
	b 0.6 molar	B23	Xp, 6q, 13q, 21, 1p, 17q
	c answer 4		
	d answer 4	B24	a answer 3
	e answer 5		b answer 1
	f answer 3	B25	7, 8, 6, 2, 1, 3, 4, 5
B03	1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 16	B26	a answer 3
B04	6, 7, 5, 1, 3, 2, 9, 10, 8, 4		b answer 1
B05	3, 2, 4, 1	B27	c 50%
B06	UCGAUU	B28	2 & 5
B07	VI, I, IV, V, II, III	B29	answer 2
B08	a 4, 12, 2, 10, 8, 9, 3, 11	B30	50 %, 0%, 50%
	b III, VI, III	B31	A, A, B, B
B09	a ▲	B32	50, 50, 75, 25, 12,5
	b B, C, A	B33	answer 1
B10	answer 4	B34	Deleted
B11	3, 3, 2, 1, 2, 1, 1, 2, 2, 2	B35	Deleted
B12	Deleted	B36	Deleted
B13	upper: 2, 4, 1, 5		Yes: B, D, E
	lower: 3, 6		No: A, C, F
B14	All are correct	B37	Line 1: X, X, X
B15	8, 9, 12, 2, 14, 10, 1,5		Line 2: -, X, X
B16	Deleted		Line 3: X, X, X
B17	R/C C/R		Line 4: -, -, X
B18	Plasma proteins		Line 5: -, -, X
B19	answer 3		Line 6: X, -, X
B20	G: fever		Line 7: -, X, -
	P: skin, mucociliary	B38	Line 8: X, X, -
	C: interferon, gastric, Lysozyme, bile, urine		2/3/7, 5, 8, 6/8/9, 4
	B: inflammation, phagocytosis	B39	Group I: 1/3/6/8
			Group II: 10/4/5
			Group III: 7/9/2
		B40	3, 5, 2, 1, 4