

ANSWER KEY

BIOLOGY (LEVEL-2)

07-02-2021

Q. No	Ans.	Q. No	Ans.	Q. No	Ans.	Q. No	Ans.
1	a	16	d	31	d	46	a
2	a	17	b	32	b	47	b
3	c	18	c	33	c	48	c,d
4	a	19	c	34	a	49	120 J
5	a	20	b	35	c,d	50	a,b
6	b	21	c	36	----	51	b
7	b	22	d	37	c	52	a,d
8	b	23	a	38	b		
9	b	24	d	39	a		
10	d	25	a	40	d		
11	d	26	d	41	c		
12	b	27	b	42	---		
13	c	28	b	43	1		
14	d	29	c	44	p = 0.1		
15	d	30	b	45	b,d		

Que. 36 & 42-incomplete information

Solutions

44. $p^2 + 2pq = \frac{19}{100}$
 $p^2 + 2pq + q^2 = 1$
 $q^2 = 1 - 0.19$
 $= 0.81$
 $q = .9$
 $p = .1$

49. 300 J – 150 J (excrets in feces)
 20% of 150 J = 30 J (secondary production)
 Hence respiration use
 150 J – 30 J = 120 J

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