

LE Keyword Checklist (ALL LE Regents Exams)

<u>KEYWORD</u>	<u>Count</u>	<u>KEYWORD</u>	<u>Count</u>
1. abiotic	19	30. bacterial reproduction	1
2. absorption	2	31. bar graph	1
3. acid rain	8	32. base pairing	1
4. acquired characteristic	3	33. base sequences	9
5. active transport	15	34. biochemical processes	2
6. adaptation	36	35. biodiversity	40
7. AIDS	7	36. biological control	8
8. allergy	11	37. biological organization	1
9. alternate energy	1	38. biotic factor	5
10. alternate fuel	2	39. body mass index (BMI)	2
11. amino acid chains	2	40. camouflage	2
12. amino acid sequences	9	41. cancer	6
13. amino acids	4	42. carbon dioxide / oxygen cycle	4
14. annual rings	2	43. carbon dioxide levels	6
15. antibiotic	2	44. carnivore	4
16. antibiotic resistance	11	45. carrying capacity	24
17. antibodies	13	46. catalyst / enzymes	7
18. antigen / antibody	3	47. cell complexity	2
19. antigens	11	48. cell division	3
20. asexual	2	49. cell function	2
21. asexual reproduction	40	50. cell genetics	2
22. atomic bond	1	51. cell membrane	24
23. ATP	29	52. cell organization	3
24. autotroph	21	53. cell structure	16
25. autotroph / heterotroph	2	54. cells	1
26. bacteria	2	55. cells / specialized	2
27. bacteria / killing	1	56. cellular communication	10
28. bacterial evolution	1	57. centimeter measurement	1
29. bacterial growth cycle	2	58. chemical bonds	6

<u>KEYWORD</u>	<u>Count</u>	<u>KEYWORD</u>	<u>Count</u>
59. chemical message	4	91. development	4
60. chemical stimulus	1	92. development / organism	2
61. chemical structure	3	93. diabetes	1
62. chemistry	1	94. dialysis	11
63. chloroplast	8	95. dichotomous key	5
64. chromatography	4	96. differentiation	22
65. chromosome	10	97. diffusion	31
66. chromosome / crossing over	3	98. diffusion / active transport	1
67. chromosome / number	14	99. diffusion / membrane	11
68. chromosome bands	3	100. digestion	16
69. chromosome number / diploid	2	101. direct harvesting	2
70. circulatory	8	102. disease	3
71. classification	3	103. disease transmission	1
72. clone	26	104. diversity	8
73. codons	7	105. DNA	64
74. common ancestor	11	106. DNA / base pairing	7
75. community	2	107. DNA analysis	2
76. competition	30	108. DNA base sequences	21
77. complex molecules	2	109. DNA bases	6
78. complexity	2	110. DNA electrophoresis	1
79. conservation	4	111. dynamic equilibrium	18
80. consumer	5	112. ecological niche	1
81. consumer / producer	4	113. ecological succession	29
82. control	7	114. ecology	3
83. controlled experiment	5	115. ecology / producers	1
84. current events	1	116. ecology interaction	2
85. cytoplasm	3	117. ecosystem	80
86. daphnia	1	118. ecosystem / altered	14
87. data analysis	100	119. ecosystem / carrying capacity	2
88. decomposer	27	120. ecosystem / equilibrium	6
89. deforestation	3	121. ecosystem / stable	25
90. dependent variable	9	122. ecosystem stable	1

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123. electrophoresis	10	155. excretory system	2
124. embryo	4	156. experimental testing	9
125. embryology	1	157. extinction	21
126. embryonic development	13	158. feedback	27
127. energy / home	1	159. fermentation	5
128. energy consumption	8	160. fertilization	9
129. energy pyramid	32	161. fetal development	7
130. energy pyramod	1	162. fetus blood	1
131. energy transfer	16	163. finite resources	6
132. environment / stability	5	164. food chain	20
133. environmental factor	7	165. food pyramid	13
134. environmental influence	17	166. food web	60
135. environmental protection	2	167. fossil	7
136. environmental quality	1	168. fossil fuels	13
137. enzyme	34	169. functions / specialized	2
138. enzyme / substrate	13	170. Galapagos Finches	29
139. enzyme activity / pH	8	171. Galapagos Islands	2
140. enzyme reaction	3	172. gametes	6
141. enzyme structure	10	173. gel electrophoresis	20
142. epigenetics	1	174. gene	13
143. ethics	1	175. gene alteration	4
144. evolution	26	176. gene combinations	8
145. evolution / finches	1	177. gene expression	66
146. evolution / genetic	2	178. gene mutation	11
147. evolution / similarities	6	179. gene recombination	1
148. evolution inheritance	1	180. gene size	1
149. evolution mechanism	4	181. gene splicing	4
150. evolution pathway	24	182. genetic code	12
151. evolution theory	3	183. genetic continuity	1
152. evolutionary change	10	184. genetic diversity	4
153. evolutionary relationship	17	185. genetic engineering	70
154. evolutionary tree	11	186. genetic inheritance	8

<u>KEYWORD</u>	<u>Count</u>	<u>KEYWORD</u>	<u>Count</u>
187. genetic modification	5	219. human organs	1
188. genetic resistance	1	220. human population / reducing	1
189. genetic variation	27	221. human reproduction	8
190. genetics	1	222. human response	1
191. geographic isolation	1	223. human systems	6
192. global warming	17	224. hypothesis	18
193. glucose	3	225. immune system	24
194. glucose levels	3	226. independent variable	5
195. glucose test	1	227. indicator	1
196. graph	46	228. industrialization	5
197. greenhouse gases	3	229. inference	6
198. growth curve	1	230. inheritance	4
199. habitat destruction	8	231. inorganic	1
200. habitat stability	2	232. insulin	9
201. habitats	1	233. interdependence	4
202. heart rate	5	234. interrelationships	4
203. herbivores	4	235. key	1
204. heredity	5	236. lab	2
205. heterotroph	7	237. lab technique	6
206. homeostasis	59	238. LAB1	2
207. homeostasis / feedback	4	239. LAB5	1
208. homologous structures	1	240. LABA	2
209. hormone	10	241. laboratory procedure	3
210. hormone / human female	2	242. leaf / guard cells	3
211. hormones / human	4	243. leaf / starch content	1
212. hormones / human female	5	244. limiting factors	4
213. hormones pregnancy	1	245. male reproduction	4
214. human activities	24	246. male sex organs	5
215. human activity	11	247. marsupials	1
216. human growth	6	248. measurement	2
217. human impact	74	249. meiosis	20
218. human life cycle	1	250. meniscus	5

<u>KEYWORD</u>	<u>Count</u>	<u>KEYWORD</u>	<u>Count</u>
251. metabolism	7	283. organization	10
252. metric measurement	3	284. organization / cell	1
253. microscope	14	285. osmosis	11
254. microscope technique	7	286. ovary	9
255. mitochondria	30	287. overpopulation	2
256. mitosis	24	288. oxygen concentration	4
257. mitosis / differentiation	2	289. ozone	7
258. molecular motion	1	290. paper chromatography	16
259. mRNA	1	291. parasite / decomposer	1
260. mRNA codon	3	292. parasite / host	14
261. muscle cramps	1	293. passive transport / diffusion	1
262. muscle fatigue	2	294. pathogens	3
263. muscles / oxygen	1	295. pH / blood	3
264. mutagenic chemical	1	296. pH level	2
265. mutation	49	297. phages	1
266. mutation / deletion	1	298. phagocytosis	3
267. mutation / recombination	1	299. photosynthesis	60
268. natural predators	4	300. photosynthetic microbes	1
269. natural selection	53	301. placenta	27
270. nerve cells	1	302. plant cell	2
271. niche	13	303. plasmolysis	11
272. nonrenewable resource	5	304. pollination	1
273. nuclear waste	1	305. pollination / insect	1
274. nucleus	7	306. pollution / air	6
275. nutrient recycling	3	307. pollution / water	2
276. organ function	1	308. population	6
277. organ systems	9	309. population / carrying capacity	4
278. organ transplant	6	310. population / environment	4
279. organelles	11	311. population equilibrium	2
280. organic chemistry	6	312. population growth	16
281. organism / characteristics	1	313. population interaction	3
282. organism competition	1	314. population size	1

<u>KEYWORD</u>	<u>Count</u>	<u>KEYWORD</u>	<u>Count</u>
315. positive impact	1	347. ruler measurement	1
316. predator / prey	8	348. scavenger	2
317. predators	9	349. scientific data	3
318. prions	1	350. scientific inquiry	8
319. producer	9	351. scientific method	38
320. producer / prey	1	352. scientific study	3
321. protein	11	353. secondary succession	1
322. protein function	4	354. secondhand smoke	1
323. protein shape	10	355. selective breeding	24
324. pulse rate	4	356. sequencing	1
325. reaction time	1	357. sex hormones	1
326. receptor	6	358. sex organs	1
327. receptor / hormone	5	359. sexual reproduction	8
328. receptor molecules	10	360. sickle cell anemia	2
329. receptor sites	5	361. simple sugar	2
330. receptors	6	362. soil nutrients	1
331. recombination	7	363. species relationships	13
332. recycling	16	364. sperm	7
333. red cell	2	365. sperm duct	1
334. red cells / crenated	1	366. stain	1
335. regeneration	2	367. staining	2
336. renewable energy	3	368. starch	5
337. renewable resource	5	369. starch test / lab	4
338. replication	4	370. statistical analysis	1
339. reproduction	18	371. stomate	14
340. reproduction / female	16	372. structural similarities	2
341. reproduction / male	6	373. succession	16
342. reproductive cells	1	374. succession / secondary	7
343. reproductive success	10	375. survival	3
344. respiration	22	376. survival of the fittest	1
345. response / stimulus	3	377. survival success	24
346. ribosome	15	378. synthesis	18

<u>KEYWORD</u>	<u>Count</u>
379. technological advancement	2
380. testes	3
381. tissue	7
382. transport	2
383. transport / oxygen	1
384. uterus	7
385. vaccination	14
386. vaccine	13
387. vacuole	2
388. variation	18
389. vegetative propagation	7
390. virus structure	1
391. vitamin	1
392. waste removal	6
393. water balance	1
394. wet mount	3
395. white blood cell	13
396. zygote	9

<u>KEYWORD</u>	<u>Count</u>
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Unique Number of Keywords:

TOTAL Number of Questions: