|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Topic | % of Questions | total missed | Expected Missed | X2 | P |
| ZOOLOGY | 16 | 246 | 322 | 68.51190476 | <0.001 |
| BOTANY | 15 | 186 | 303 | 85.92058824 | <0.001 |
| CELL | 22 | 258 | 459 | 109.5642857 | <0.001 |
| MICRO | 10 | 148 | 205 | 42.02380952 | <0.001 |
| GENETICS | 20 | 248 | 420 | 110.952381 | <0.001 |
| ECOLOGY | 17 | 252 | 350 | 48.88431373 | <0.001 |

Table 1. Chi-squared table showing actual and expected number of questions based on random answer choices. Also is the corresponding chi-squared statistic and P-value.