Answer Key

Matching.

1. N $n\hat{q}$
2. H $\hat{p}$
3. S $z^* \sqrt{\frac{\hat{p}\hat{q}}{n}}$
4. B H_A
5. C p
6. D $p-value$
7. K N
8. I z
9. O np_0
10. E z^*
11. L $\hat{p} \pm z^* \sqrt{\frac{\hat{p}\hat{q}}{n}}$
12. P nq_0
13. F $-z^*$
14. A H_0
15. Q $\sqrt{\frac{\hat{p}\hat{q}}{n}}$
16. J n
17. T $\frac{\hat{p}-p_0}{\sqrt{\frac{p_0 q_0}{n}}}$
18. G p_0
19. M $n\hat{p}$
20. R $\sqrt{\frac{p_0 q_0}{n}}$

A. Null hypothesis
B. Alternative hypothesis
C. Population parameter
D. Probability of obtaining a sample value at least as extreme as the one observed, assuming that the null hypothesis is true
E. Upper-p critical value
F. Lower-p critical value
G. Parameter used in the null hypothesis
H. Sample statistic
I. Standard Normal value
J. Sample size
K. Population size
L. One-proportion z-interval
M. Number of successes observed in the sample
N. Number of failures observed in the sample
O. Expected number of successes in the sample
P. Expected number of failures in the sample
Q. Standard error of the sample proportion
R. Standard deviation of the parameter in a one-proportion z-test
S. Margin of error
T. Z-value in a one-proportion z-test