

## Answer Key

Testname: REVIEWEXAM3

- 1) B
- 2) E
- 3) C
- 4) B
- 5) D
- 6) E
- 7) A
- 8) A
- 9) B
- 10) D
- 11) D
- 12) B
- 13) D
- 14) B
- 15) C
- 16) C

17)  $H_0: p = 0.01$   $H_a: p > 0.01$ .

$$\alpha = 0.01$$

Test statistic:  $z = 4.92$ . P-value = 0.0000 (to four decimal places)

Reject the null hypothesis. There is sufficient evidence at the 1% significance level to conclude that the percentage of defects exceeds 1%.