

PRINTABLE VERSION

Test 3

You scored 81 out of 100

Question 1

Your answer is CORRECT.

A random sample of 64 observations produced a mean value of 73 and standard deviation of 6.5. The 90% confidence interval for the population mean μ is between

a) 70.663 and 75.337

b) 73.398 and 72.602

☒ c) 71.663 and 74.337

d) 73.363 and 72.637

e) 72.663 and 73.337

Question 2

Your answer is INCORRECT.

A random sample of 111 observations produced a sample proportion of 0.28. An approximate 90% confidence interval for the population proportion p is between

a) 0.173 and 0.327

b) 0.188 and 0.312

c) 0.210 and 0.290

☒ d) 0.170 and 0.327

e) 0.183 and 0.317

Question 3

Your answer is CORRECT.

If the P -value is larger than the level of significance α , then the researcher should _____ at level α .

☒ a) Fail to reject H_0