

(Total pts: 45)

Problems through #8 can be started after completion of 7.2; problems from #12 on can be started after completion of 7.5; #7 and #19 (6 pts each)

7-1 \_\_\_\_\_

7-6 a. \_\_\_\_\_ b. \_\_\_\_\_

c. (i) Y/N

c. (ii) Explain \_\_\_\_\_

7-7 a.  $n =$  \_\_\_\_\_  $\hat{p} =$  \_\_\_\_\_

99% \_\_\_\_\_

98% \_\_\_\_\_

95% \_\_\_\_\_

90% \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

7-8 \_\_\_\_\_

Is there a significant difference between the percentage who actually voted and the percentage

who said they voted? \_\_\_\_\_ Explain. \_\_\_\_\_

\_\_\_\_\_

7-9 \_\_\_\_\_

7-13 a. \_\_\_\_\_ b. (i) Y/N

b.(ii) Why or why not? \_\_\_\_\_

7-14 \_\_\_\_\_

7-15 \_\_\_\_\_

7-18  $n =$  \_\_\_\_\_  $\bar{x} =$  \_\_\_\_\_  $s =$  \_\_\_\_\_  
(Round to at least 2 decimal places for  $\bar{x}$ ,  $s$  and the confidence interval.)

\_\_\_\_\_

\_\_\_\_\_ Y/N \_\_\_\_\_

\_\_\_\_\_

7-19  $n =$  \_\_\_\_\_  $\bar{x} =$  \_\_\_\_\_  $s =$  \_\_\_\_\_  
(Round to at least 2 decimal places for  $\bar{x}$ ,  $s$  and the confidence intervals.)

\_\_\_\_\_

\_\_\_\_\_ Y/N \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ out of 10 Explain: \_\_\_\_\_

\_\_\_\_\_

7-25 \_\_\_\_\_

7-28 a. \_\_\_\_\_ b. \_\_\_\_\_

7-32 \_\_\_\_\_