Practice worksheet | Sampling and confidence intervals

Confidence level and interpretation

Name: _____ Date: _____

6 questions | 12 marks

1. Correct: “95% of residents have support rates between 0.52 and 0.60.” [2 marks]

2. A 95% procedure is used 400 times independently. Find expected misses. [2 marks]

3. Why can the realised count of misses differ from its expected count? [2 marks]

4. Can a correctly calculated 95% interval miss the true mean? [2 marks]

5. Explain the precision trade-off when confidence rises from 90% to 99%. [2 marks]

6. Why is a confidence interval for a mean not a prediction interval for one new measurement? [2 marks]