

Chapter 5 Review

Name _____ Date: _____

Match each word or phrase with its definition.

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| ___ 1. probability sample | A. error which occurs when an individual chosen for the sample cannot be contacted or refuses to cooperate |
| ___ 2. bias | B. a number that describes the population |
| ___ 3. convenience sample | C. error that occurs when a subject gives an incorrect response |
| ___ 4. margin of error | D. any sample which uses chance to select the sample |
| ___ 5. nonresponse error | E. sampling error not related to the act of selecting a sample from the population |
| ___ 6. nonsampling error | F. A sample obtained by dividing the population into subgroups according to various homogeneous characteristics and then selecting members from each subgroup for the sample |
| ___ 7. parameter | G. How close the sample statistic is to the population parameter |
| ___ 8. population | H. bias which occurs when some groups in the population are left out of the process of choosing the sample |
| ___ 9. voluntary response sample | I. A sample obtained by numbering each element in the population and then selecting every third or fifth or tenth, etc., number from the population to be included in the sample |
| ___ 10. processing error | J. sample which chooses the individuals easiest to reach |
| ___ 11. question-wording bias | K. how spread out the values of the sample statistic are when we take many samples |
| ___ 12. random sampling error | L. list of individuals from which a sample is actually selected |
| ___ 13. response error | M. number that describes a sample |
| ___ 14. sample | N. the entire group of individuals about which we want information |
| ___ 15. sampling frame | O. sample consisting of people who choose themselves by responding to a general appeal |
| ___ 16. simple random sample | P. a piece of the population from which we actually collect information |
| ___ 17. statistic | Q. the consistent favoring of certain outcomes in a survey |
| ___ 18. stratified sample | R. error in mechanical tasks such as in doing arithmetic or in entering responses into a computer |
| ___ 19. systematic sample | S. bias created by the wording of the survey question(s) |
| ___ 20. undercoverage | T. deviation between the sample statistic and population parameter caused by chance in selecting a random sample |
| ___ 21. variability | U. a sample of size n individuals from the population chosen in such a way that every set of n individuals has an equal chance to be the sample actually selected |