



Institute of Health Management Research

**PGDPM V Batch (2013-2015) - First Year
Research Methods
Final Examination**

**Date: 10/03/2014
Time: 3 hours**

Total Marks: 70

Roll No.-----

Note:

- a. All the sections are compulsory
- b. Marks are indicated against each question
- c. **Attach the examination paper with the answer sheet**
- d. Section A of the paper to be submitted after 30 minutes of the start of the exam

Section A

Kindly Circle the correct option. Each question carry equal marks. (10 * 1 = 10 marks)

1. There will be no relationship between children's time in day care and later academic achievement. This is an example of which of the following?
 - a. A research question
 - b. A factorial design
 - c. A correlation\
 - d. A null hypothesis
2. The most critical section of a research article to read is the
 - a. Literature review.
 - b. Results
 - c. Limitation
3. What is a sampling frame?
 - a. A frame that reflects the number of the population under investigation
 - b. A framework that displays a random set of numbers
 - c. A list of all the units in a population from which a sample will be selected
 - d. None of the above

4. The number of people who complete a survey in relation to the number of people contacted to participate is called the:
 - a. response set.
 - b. response rate
 - c. response bias
5. An indicator of reliability based on the correlations of each item in a measure with every other item is called:
 - a. Test-retest reliability
 - b. Cronbach's alpha
 - c. Split-half reliability
6. The nonequivalent control group pretest-posttest design allows a researcher to assess the effects of an independent variable by examining change from pretest to posttest.
 - a. True
 - b. False
7. Couples who share more similar attitudes indicate that they are more satisfied with their relationship. This reflects a _____ correlation.
 - a. Positive
 - b. Negative
8. With larger sample sizes, your sample data are more likely to accurately reflect true population values.
 - a. True
 - b. False
9. Drug R is currently under clinical investigation for the treatment of Generalized Anxiety Disorder (GAD). The hypothesis is that 200 mg of Drug R will reduce GAD symptoms by 25% as evidenced by the Hamilton Anxiety Scale. The DEPENDENT variable is:
 - a. A 25% reduction of GAD symptoms.
 - b. GAD
 - c. 200 mg of Drug R.
 - d. the Hamilton Anxiety Scale.
10. The independent variable in a research study is:
 - a. The variable that is measured.
 - b. A confounding variable.
 - c. The variable that is manipulated.