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Methods of Research
4th Year
Final Exam- 1st semester
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Date: 6/1/2019

Time: 2 hours

Total Marks: 30

Code: Nur 403

I. Choose the correct answer: (20 Marks)

1. How can you tell if your research questions are really good?

- a) If they guide your literature search
- b) If they are linked together to help you construct a coherent argument
- c) If they force you to narrow the scope of your research
- d) **All of the above**

2. Which of the following should be included in a research proposal

- a) Your academic status and experience
- b) The difficulties you encountered with your previous reading on the topic
- c) **Your choice of research methods and reasons for choosing them**
- d) All of the above

3. Closed ended questions are those that

- a) **Have a fixed range of possible answers**
- b) Prevent respondents from allocating themselves to a category
- c) Encourage detailed, elaborate responses
- d) Relate to the basic demographic characteristics of respondents

4. The acronym "CATI" stands for

- a) Camera-activated telescopic interviewing
- b) **Computer-assisted telephone interviewing**
- c) Corrective anti-terrorist interviewing
- d) Critical analysis of telepathic interviewing

5. The key advantage of structured observation over survey research is that

- a) It does not rely on the researcher's ability to take notes
- b) The researcher is immersed as a participant in the field they are studying
- c) It does not impose any expectations of behaviour on the respondents
- d) **It allows you to observe people's behaviour directly**

6. Which of the following is not a type of research question?

- a) Predicting an outcome
- b) Evaluating a phenomenon
- c) Developing good practice
- d) **A hypothesis**

7. Which of the following is not a data-collection method?

- a) **Research questions**
- b) Unstructured interviewing

- c) Postal survey questionnaires
- d) Participant observation

8. Individuals who are sleep deprived will differ significantly in their reaction time, to those individuals who are not sleep deprived". If this is the alternate hypothesis, which of the below statements would be the correct null hypothesis?

- a) Greater sleep deprivation leads to a decrease in reaction time
- b) Individuals who are sleep deprived will not differ in their reaction time from those individuals who are not sleep deprived
- c) Individuals who have more sleep will differ in their reaction time from those individuals who are sleep deprived
- d) Individuals who are not sleep deprived will differ in their reaction time from those individuals who are sleep deprived

9. A cross sectional study is carried out to examine whether Navy personnel of a higher rank have more positive coping skills than those of a lower rank. Which of the following statement is true of this study?

- a) The independent variable is coping and the dependent variable is low rank
- b) Neither variable is dependent as the researcher cannot manipulate them
- c) The independent variable is rank and the dependent variable is coping skills
- d) The independent variable is coping and the dependent variable is high rank

10. The abstract is.....

- a) A summary of all the major findings
- b) A list of criticisms of the study
- c) None of these
- d) A précis of all important parts of a research report

11. Why is it important to read original articles when you are reviewing the literature?

- a) To obtain an overview of methods and procedures
- b) To look for flaws in the method
- c) To examine the validity of the conclusions
- d) All of these

12. What is the purpose of informed consent

- a) To make sure that participants know exactly what to expect from the research and to communicate their right to withdraw at any stage
- b) To ensure that participants are not lied to about the time commitment involved in their participation
- c) In order that the participant can make an informed choice about their participation and not undertake to do something which they may otherwise have declined to do
- d) All of these

13. Which of the following is nonprobability sampling?

- a. Snowball
- b. Random
- c. Cluster
- d. Stratified

14. Multistage sampling is a

- a. Probability sampling
- b. Non probability sampling

15. What does quantitative research measures?

- a) Feelings and opinions
- b) Numbers and figures
- c) Numbers and feelings
- d) Non of the above

16. Which of the following is an example of random sampling techniques

- a. Taking the name of every person in a telephone book
- b. Generating a list of numbers by picking numbers out of a hat and matching these numbers to names in the telephone book
- c. Taking every tenth or twentieth name from a list of everybody in the telephone book

17. What type of hypothesis is the following? "Cancer patients who receive music therapy complain less frequently of pain and require less pain medication than cancer patients not receiving music therapy."

- a. Complex, directional hypothesis
- b. Simple, associative hypothesis
- c. Simple, non directional hypothesis
- d. Complex, null hypothesis

18. The relationship between smoking and lung cancer is:

- a. Discrete variables
- b. Dependent variable
- c. Independent variable
- d. Continuous variables

19. Component of literature review is all the following except:

- a. Data evaluation
- b. Continuous variables
- c. Literature search
- d. Problem formulation

20. An example for types of research variables are:

- a. Discrete variable
- b. Analysis variable
- c. Plan variable
- d. Ethical variable

II-True and false: (5 Marks)

Read the following statements carefully and circle the letter (T) if the statement is true and the letter (F) if the statement is false.

No	Statement	T	F
1	Important of research design is answering the research question	T	
2	When application the nursing research must be protects human rights	T	
3	important of research design not guide the researcher on how write the hypothesis		F

4	Nursing research is providing a link between education and theory		F
5	Purpose of the study affect in selection research design (T	
6	Journals are the best primary source for literature review.	T	
7	Cohort study considered experimental design		F
8	marital status and sex variables that are used to describe dependent variable		F
9	Personal experience is one of sources of research problems.	T	
10	Inclusive criteria include all the criteria in the study	T	

III-Matching

(5 Marks)

Answer	Colum (A)	Colum (B)
D	1-Randomization	A-Obtain same of target population
A	2-Sample	B-Non-experimental design
B	3--Cross sectional study	C- A process of selection a partion of the population present the entire population
C	4- Sampling	D-Means that each subject in population has an equal chance of being selected
E	5-Element	E-Is an individual unit of population

Good Luck

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