



Academic year: 2020/2021	Course title: Introduction to research methodologies (<i>Sup401</i>)
Academic level: Fourth year	Final Exam
Date: 20/6/2021	Total marks: 90Marks
Time allowed:3 hour	Course's teacher: -Dr. Nagat Salama , Dr. Azza Fathy

Answer all the following questions:

Question No 1

20 Marks

Choose the correct answer

1.A statement of predicted relationships between two or more variables is

- a. Research problem
- b. Research Variables
- c. Research Design
- d. Research Hypothesis

2.Studies written by the researchers who conducted them is called

- a. Primary source
- b. Secondary source
- c. Electronic source
- d. Printed source

3.The research title formulation is

- a. The first step of proposal
- b. After the research problem
- c. Before the research problem
- d. Before literature review.

4.One of the advantage of case study design is:

- a. Little bias.
- b. Useful for study of rare diseases.
- c. Generalization of result
- d. Can study effect of multiple exposures.

5.One of the main advantage of experimental study is:

- a. Provides a higher degree of purity in observation.
- b. Short term study.
- c. Less costly
- d. Good source of descriptive

6.A researcher is studying the relationship between age and involvement in social activities; this is considered, -----design:

- a. Correlational research
- b. Descriptive research
- c. Experimental research
- d. Quasi-experimental research

7.A question is asked and then a number of possible answers are provided and The respondent selects the appropriate answer is called:

- a. Open ended
- b. Closed questions
- c. Attitude questions
- d. Non of above



8.The purpose of selecting a sample is to -----

- a. Avoid bias.
- b. Make research easier and more economical
- c. Gain information about a population
- d. Provide numerical data.

9.Which component of a research study is exemplified in the statement, “This study identifies various themes associated with parenting children who have chronic disease?”

- a. Aim or objective
- b. Hypothesis
- c. Research methodology
- d. Research problem

10.Which of the following statements is TRUE for qualitative research question?

- a. It asks a question about some process, or phenomenon to be explored.
- b. It is generally an open-ended question.
- c. It asks a question which may be open ended.
- d. It asks a closed ended question

11.Which of the following is the definition of an independent variable?

- a. A variable that is manipulated or controlled by the experimenter.
- b. A response variable.
- c. The behavioural measure made by the experimenter.
- d. A dependent variable that is controlled by the experimenter.

12.What is a formal, objective, systematic process in which numerical data are utilized to obtain information about the world?

- a. Quantitative research
- b. Qualitative research
- c. Grounded theory Research
- d. Historical Research

13.If we are conducting a research project on primary school students from Egypt. It is preferred to use:

- a. cluster sampling.
- b. Stratified random sampling.
- c. Convenience sampling.
- d. purposive sampling.

14.When every member of the accessible population has an equal chance of being selected to participate in the study, the researcher is using

- a. Simple random sampling.
- b. Stratified random sampling.
- c. Convenience sampling.
- d. Purposive sampling



15. Different factors affect the outcome of survey. In a study using a self completion questionnaire, which of the following would probably NOT affect the outcome?

- a. Interviewer training
- b. Sample size
- c. Incentive quality
- d. Question wording

16. The best method to narrow down a topic is to:

- a. Develop theoretical framework
- b. Review literature
- c. Test a hypothesis
- d. Conduct a survey

17. Research participants must give what before they can participate in a study?

- a. Guidelines
- b. A commitment
- c. Informed consent
- d. Private information

18. A study was designed to examine the effect of electrical stimulation on passive range of motion of wrist extension in 16 patients who suffered a stroke.

- a. descriptive research
- b. basic research
- c. retrospective research
- d. quasi-experimental research

19. One of the following researches would be considered as true experimental?

- a. The effects of preschool attendance towards the maturity of the first grade student
- b. The effects of being a working mother towards the child's absenteeism.
- c. The effect of stress towards the co-curricular activities participation of 3rd year students.
- d. Study the effect of progressive resistance exercises in depressed elders.

1. In which type of research, design there is a high researcher control, random sampling, and laboratory setting:

- a. Methodologic
- b. Meta-analysis
- c. Quasi-experimental
- d. Experimental

Question No 2

9 Marks

Read the following statements and determine the types of structure questioner

1- Have you ever taken a course in statistical?

a- yes b- no

2- why did you choose to take graduated work at these university?

3- How satisfied are you with the nursing care during your hospitalization?

Extremely dissatisfied Extremely satisfied

O 1 2 3 4 5 6 7 8 9 10



Question No 3
Marks

15

Answer the following questions :

1. List steps of experimental design
2. List the Probability sampling techniques and advantage of select one
3. Enumerate the principles of research ethical consideration

Question No 4
Marks

23

Read the statement and answer the related questions"-

A-“ Coronavirus (COVID-19) Among Faculty of Nursing Students in Port-Said University”

1. Formulate the problem statement related to that topic? (4marks)
2. Formulate research aim, and research question? (6 marks)
3. Identify the dependent and independent variables? (4 marks)
4. Determine the design (3 marks)
5. Identify one sampling method that could have been used in this study (4marks)

Question No 5
Marks

15

Read the statements carefully and determine the dependent and independent variables and research design

1. wanted to study changes in professionalism as nursing students' progress through a 4-year baccalaureate program.
2. cigarette smoking and lung cancer .
3. incidence of rubella and infant abnormalities in pregnant woman .

Question No 6
Marks

10

Read the following parts and Write it, as reference once by APA style of referencing and once by Vancouver style

- Maternal and Child Health Nursing
- Mosby company
- New York
- Novak J and Broom B
- (2000)
- 8th ed.
- P.P 290-293.



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