



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

**Answer all the following questions:**

<b>Question No 1</b>	<b>15 Marks</b>
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**Choose the correct answer**

- 1. 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
- 2.Prevalence of disease in a community can be found out by:**
  - a) Case control study
  - b) Cohort study
  - c) Cross-sectional study
  - d) Experimental study
- 3.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
- 4. A study examining the effects of an injection into a relaxed muscle versus a contracted muscle on a patient's discomfort is an example of:**
  - a. descriptive research
  - b. basic research
  - c. retrospective research
  - d. quasi-experimental research
- 5. The scale assess how strongly an attitude is held by the respondent is called:**
  - a. Rating scale
  - b. Likert scale
  - c. Mix ended question
  - d. Attitude question
- 6. 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.
- 7. The first step for a graduate student in selecting a research problem is usually**
  - a) The identification of a problem area



- b) Narrowing down the general problem.
- c) Gathering related literature
- d) Drawing a tentative hypothesis.

**٨. 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

**٩. What type of design would be best suited to studying the effect of exposure to cockroach allergens on asthma in child ?**

- a) A prospective design
- b) A retrospective design
- c) A before- after experimental design.
- d) d. None of the above.

**1٠. 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

**1١. One of the disadvantages of the internet survey is:**

- a) All people cannot participate
- b) Slow data collection speed
- c) Less anonymity
- d) High cost

**1٢. 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.

**1٣. Why do you need to review the existing literature?**

- a) To give your dissertation a proper academic appearance, with lots of references.
- b) Because without it, you could never reach the required word-count.
- c) To find out what is already known about your area of interest.
- d) To help in your general study.

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

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



**1٥. 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.

**1٦. One of the disadvantage of cohort study is:**

- a) Little bias.
- b) Generalization of result
- c) Expensive.
- d) Short term study, quick, cheap and useful for rare diseases.

**1٧. 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

**١٨. 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

**١٩. 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

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

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



**Question No 2**

**7 Marks**

Read the following statements and put (T) for true statement and (F) for false statement.

Statements	Answer
1. Ethics is the set of principles and guidelines that help us to uphold the things we value.	
2. Case- control design examines changes in the same subjects over an extended period of time.	
3. Cross sectional design can be used to examine groups of subjects in various stages development.	
4. In qualitative studies, generalization cannot be made from finding.	
5. One of the major functions of a research literature review is to ascertain what is already known in relation to a problem of interest.	
6. Longitudinal studies repeatedly measure the same sample units of a population over time.	
7. A group of individuals that is conveniently available to be studied is called systematic sample.	
8. A simple random sample is a sample selected from a population in such a manner that all members of the population have an equal chance of being selected.	
9. Ethnography is a method used to study phenomena from a cultural perspective.	
10. Specific objective is simple and broad statements of intent that describe what an organization wants to achieve.	
11. Descriptive research is an objective, systematic, controlled investigation for the purpose of predicting and controlling phenomena.	
12. Qualitative research Good for exploratory research	
13. Pressure-reducing interventions among persons with pressure ulcers: results from the first three national pressure ulcer prevalence surveys in Sweden , this statement is hypothesis	
14. Clinical nursing research typically begins with questions stemming from practice-related problems	

**Question No 3**

**12**

**Marks**

**Answer the following questions :**

1. List the purpose of literature Reviews ?
2. Identify types of closed ended questions ?
3. Enumerate the principles of research ethical consideration?

**Question No 4**

**24**

**Marks**

**Read the statement and answer the following question"-**

**A-"Anemia among Primary School Students in Port-Said City"**

1. Formulate the problem statement related to that topic? (4marks)
2. Formulate research aim, and research question? (8 marks)



3. Identify the dependent and independent variables? (4 marks)
4. Determine the design and illustrate its advantage (5 marks)
5. Identify one sampling method that could have been used in this study (4marks)

**Question No 5**  
**Marks**

**9**

**Read the statement and determine the dependant and independent variable and wright the research objective**

1. What are the attitudes of rural parents toward the inclusion of sexuality education in the school curriculum?
2. Is there an association between self-esteem and eating behaviors among collegiate female swimmers?
3. Does participation in Special Olympics affect the self-esteem of adults with mental retardation?

**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**

- ☒ creative writing in coventry
- ☒ Journal of writing studies 3
- ☒ New York
- ☒ Jonson Padda,
- ☒ (2003) by Blackwell publishing Ltd
- ☒ V (2)
- ☒ P.P 44-59.