



Test Bank



Subject:

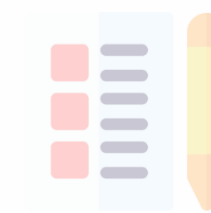
**Scientific Medical Research
Mid018**



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1-While you search for Review of Literature, you should consider which of the following ?

- a. Vital statistics do not need to be cited as they are readily available on the internet
- b. Start with Google Scholar as it is helpful for relevant abstract
- c. Try not to rely on secondary sources
- d. Cite all sources including informal ones

2-An individual who is deprived coauthorship despite having significant contribution to the work is referred to as which of the following ?

- a. Silent authorship
- b. Associate authorship
- c. Gift authorship
- d. Ghost authorship

3-Which of the following is FALSE regarding choosing Senior Researcher?

- a. Usually the primary research supervisor for a student or research group .
- b. Must be heavily involved in the day-to-day details of the study .
- c. Meet authorship criteria by providing clarity and direction along the way and by providing critical feedback on the manuscript
- d. Often listed as the last author even if he or she was heavily involved in all aspects of the work and might otherwise be the second author

4-A risk assessment answers which of the following questions ?

- a. What is the health status of this population ?
- b. What are the threats to health in this population ?
- c. How good are we at preventing, diagnosing, and treating health concerns in the populations in which we serve ?
- d. Was this intervention successful at improving the health status in this population?

5-The percentage of members of a population who die of any condition during a specified time period is known as ?

- a. Death Odds Ratio

- b. Case fatality rate
- c. Proportionate mortality rate
- d. Mortality rate

6-In cross-Sectional studies ,

- a. The aim is to describe Odds ratio
- b. Either exposure or outcome should be available
- c. Recall bias is a problem to watch for
- d. You need hundreds of participants

7-What type of studies would be the best approach to "compare rates of new corona cases among Jordanian people with different exposure histories ?"

- a. Correlational studies
- b. Case series
- c. Case-control studies
- d. Cohort studies

8-Which of the following is FALSE regarding reviewing the literature ?

- a. Gaps in the literature represent the possibility of contributing to advancing a field of research
- b. Annotated bibliography is used to track articles identified during literature review .
- c. For a research project to be considered original, it needs to totally different from previous work .
- d. The only way to truly understand a study is to read the full text of the article.

9-Which of the following is Not a feature of a good research question?

- a. The first step in a successful research project
- b. Different from previous work .
- c. Can be measured
- d. Has a consensus about the answers

10-Which of the following is an appropriate study goal ?

- a. To compare the effect of high blood lead level among kindergarten students in Amman based on their gender .

- b. To determine whether children with low blood lead level have higher academic achievement than children with high blood lead level
- c. To identify the prevalence of high blood level in a representative sample of kindergarten students in Amman
- d. To assess the impact of lead poisoning on school performance among kindergarten students in Amman.

11-Which of the following is TRUE regarding cohort studies ?

- a. Participants may have the disease of interest at the start of the study
- b. Retrospective studies should be used if adequate individuals with the outcome are available
- c. Retrospective studies should be used to examine multiple exposures and outcomes
- d. Prospective studies should be used if exposure is relatively uncommon

12-The lack of generalizability is a problem to watch out for in which of the following approaches ?

- a. Experimental studies
- b. Case series
- c. Cohort studies
- d. Case-control studies

13-In a cohort study, 40 out of 100 exposed developed the disease, while only 25 out of 100 unexposed developed the disease. The Rate Ratio is :

- a. 1.6
- b. %15
- c. 2.0
- d. %63

14-In a cohort study, the incidence rate was 10 in the unexposed and 25 in the exposed. Attributable Risk Ratio would be :

- a. %40
- b. %60
- c. %15
- d. %25

15-Which of the following is TRUE regarding choosing the appropriate study approach ?

- a. After determining the study goal, the researcher should identify three or more specific objectives that stem from the main study goal ?
- b. If new data will be collected, the researcher has great freedom in selecting study topics and can easily recruit an adequate number of participants .
- c. Secondary studies are based on a thorough review of existing literature
- d. If the plan is to synthesize current knowledge by conducting a literature review, the researcher must be prepared to track down the abstracts of all relevant articles.

16-A case-control study of night blindness revealed significant difference in the reported childhood consumption of carrots by cases and control. Which of the following statistical values contradicts that conclusion ?

- a. %95CI (1.924-1.015) :
- b. P-Value \leq 0.045
- c. Chi-Square = 0.568
- d. OR= 1.534

17-The approach that selects participants who represent a population, has multiple points in time, and assign exposure is ?

- a. Case-control studies
- b. Correlational studies
- c. Experimental studies
- d. Case series

18-Which of the following is TRUE regarding case-control studies ?

- a. Frequency matching is the type of matching in genetic studies that link each case to a genetic sibling or another close genetic relative for analysis
- b. Risk Ratio is the measure of association that readers will expect to be reported
- c. When the entire 95% confidence interval is more than 1, the OR is statistically significant and the exposure is deemed to be protective in the study population .
- d. The variables used as matching criteria should not be considered as exposures during analysis

19-Which of the following is TRUE regarding the mentor-mentee relationship ?

- a. All conversations will yield a mentor-mentee relationship
- b. The mentor can get paid by the mentee based on their agreement .
- c. One mentor can provide all of the professional mentorship that a mentee requires
- d. It is a formal or informal relationship for professional development.

20-In a case-control study, Cases who were found to be exposed were 40 out of 100, while only 25 out of 100 Controls were exposed. The odds Ratio is :

- a. 4
- b. 2
- c. 0.50
- d. 0.25

Answers

1	C	11	D
2	D	12	B
3	B	13	A
4	B	14	B
5	D	15	A
6	D	16	C
7	D	17	C
8	C	18	D
9	D	19	D
10	D	20	B