

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF SCIENCE (B. SC.) - DIGITAL ARTS (ANIMATION)
EXAMINATION: DECEMBER - 2023
SIXTH SEMESTER

Sub.: Research Methodology (Theory) (BSC-20-602)

Date: 20/12/2023

Total Marks: 40

Time: 2.00 pm to 4.00 pm

Instructions: All questions are compulsory.

Q. 1. Multiple choice questions (10)

1. What is the major attribute of Correlation Analysis?
a) Association among variables b) Difference among variables c) Regression among variables d) Variations among variables
2. What is the name of the conceptual framework in which the research is carried out?
a) Research hypothesis b) Synopsis of Research c) Research paradigm d) Research design
3. Which of the following does not correspond to characteristics of research?
a) Research is not passive b) Research is systematic c) Research is not a problem-oriented process d) Research is not a process
4. The main concept behind doing research is to
a) Discovery of New Idea b) Solution of Problem c) Investigation of a Problem d) All of the above
5. Research is
a) Searching again and again b) Finding solution to any problem c) Working in a scientific way to search for truth of any problem d) None of above
6. Basic research is also known as
a) Applied Research b) Fundamental Research c) Descriptive Research d) Analytical Research
7. Please write, which one is dependent and independent variable from Muscle mass and Weight-training.
a) Dependent Variable: b) Independent Variable:
8. Which of the following is the first step in starting the research process?
a) Searching sources of information to locate the problem b) Survey of related literature c) Identification of problem d) Searching for solutions to the problem
9. A hypothesis is a
a) Tentative statement whose validity is still to be tested b) Supposition which is based on the past experiences c) Statement of fact d) All of the above
10. A null hypothesis is
a) hypothesis of no difference b) Hypothesis that assigns value of zero to the variable c) Hypothesis of zero significance d) None of the above

Q. 2. Write short notes on. (Any two) (10)

1. Research Process
2. Research Method and Research Methodology
3. Primary and Secondary Data

Q. 3. Write the Answers of the following (Any 4) (20)

1. List the advantages of qualitative method.
 2. What is Literature review? Explain the importance of literature review.
 3. Explain the structure of research dissertation.
 4. Explain null and alternate hypothesis with suitable examples.
 5. Explain any 5 data collection tools with suitable examples.
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