

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF SCINCE (B.SC.) (MEDIA GRAPHICS IN ANIMATION AND VFX)
BACHELOR OF SCINCE (B.SC.) – DIGITAL ARTS (ANIMATION)
EXAMINATION: MAY - 2025
SIXTH SEMESTER

Sub.: Research Methodology (Th) (BSGA-22-607/ B.SC-20-602)

Date: 7/05/2025

Total Marks: 40

Time: 10.00 am to 12.00 pm

Instructions: All questions are compulsory.

Q. 1. Multiple choice questions (10)

1. Final stage in the Research Process is
 - a) Problem formulation
 - b) Data collection
 - c) Data analysis
 - d) Report writing
2. Random sampling is also called _____
 - a) Availability
 - b) Probation sampling
 - c) Probability sampling
 - d) Prospect sampling
3. A _____ is a subset of a _____.
 - a) Sample, population
 - b) Population, sample
 - c) Statistic, parameter
 - d) Parameter, statistic
4. Questionnaire is filled by
 - a) Respondent
 - b) Everybody
 - c) Enumerator
 - d) None of the above
5. Survey is a Study
 - a) Descriptive
 - b) Fact finding
 - c) Analytical
 - d) Systematic
6. The main objective of study's to acquire knowledge
 - a) Exploratory
 - b) Descriptive
 - c) Diagnostic
 - d) all of these
7. Which of the following is not the method of Research
 - a) Survey
 - b) Historical
 - c) Observation
 - d) Philosophical
8. Formulation of hypothesis may NOT be required in
 - a) Survey method
 - b) Historical studies
 - c) Experimental studies
 - d) Normative studies
9. The experimental study is based on
 - a) The manipulation of variables
 - b) Conceptual parameters
 - c) Replication of research
 - d) Survey of literature
10. Action-research is
 - a) An applied research
 - b) A research carried out to solve immediate problems
 - c) A longitudinal research
 - d) All the above

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

1. Random Sampling
2. Research Scientific approach
3. Research problem formulation

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

(20)

1. Explain various stages involved in research process with neat diagram.
 2. What is the significance of formulating the hypothesis in research work?
 3. What are the various resources of conducting literature survey in modern times?
 4. Explain the basic elements of research with suitable examples.
 5. Applying the scientific approach explain the process of research in any sector of media graphics in animation and Vfx.
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