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BACHELOR OF SCINCE (B.SC.) (MEDIA GRAPHICS IN ANIMATION AND VFX)
BACHELOR OF SCINCE (B.SC.) – DIGITAL ARTS (ANIMATION)
EXAMINATION: DECEMBER - 2025
SIXTH SEMESTER

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

Date: 12/12/2025

Total Marks: 40

Time: 10.00 am to 12.00 pm

Instructions: All questions are compulsory.

Q. 1. Multiple choice questions

(10)

1. What is the primary purpose of a literature review in a research study?
 - a) To summarize a single key study in great detail
 - b) To collect new data from participants
 - c) To identify and describe what is already known about a topic and to identify gaps in existing knowledge
 - d) To prove that the researcher has read many books and articles
2. Which of the following describes a 'primary source' in a literature review?
 - a) A textbook used in an introductory course
 - b) A book that summarizes research from a specific field
 - c) An article published in a peer-reviewed journal that reports on original research findings
 - d) A newspaper article about a scientific breakthrough
3. What is the purpose of a theoretical framework in research?
 - a) To summarize the final results of the study
 - b) To list all the sources used in the study
 - c) To provide a step-by-step guide for conducting the research
 - d) To establish a conceptual foundation that explains the relationships between key variables
4. Which of the following best defines a 'research question'?
 - a) The title of the research paper
 - b) A statement of the expected outcome of the study
 - c) A broad, unspecific inquiry that guides the research
 - d) A clear, focused, and answerable query that a study aims to address
5. In research, what is the term for a testable prediction about the relationship between variables?
 - a) Hypothesis
 - b) Methodology
 - c) Conclusion
 - d) Research
6. Which of the following describes a 'quantitative' research approach?
 - a) It is a subjective and interpretive approach

- b) It focuses on understanding human experiences and perceptions
 - c) It primarily uses interviews and focus groups
 - d) It relies on numerical data and statistical analysis
7. What is the main purpose of citing sources in a research paper?
- a) To demonstrate that the researcher is well-read
 - b) To avoid plagiarism and give credit to the original authors
 - c) To make the paper longer
 - d) To confuse the reader with too many references
8. Which of the following is a key characteristic of a 'good' literature review?
- a) It is an unorganized list of everything the researcher has read
 - b) It focuses on only one side of a debate to support the researcher's argument
 - c) It critically analyzes and synthesizes a body of literature, identifying themes, trends, and contradictions
 - d) It uses extensive direct quotes from all sources to avoid any misinterpretation.
9. What is the purpose of the 'methodology' section of a research paper?
- a) To summarize the results of the literature review
 - b) To present the study's conclusions
 - c) To argue for the importance of the research topic
 - d) To explain how the research was conducted, including the design, participants, and procedures
10. Plagiarism is a serious academic offense. Which of the following is an example of plagiarism?
- a) Paraphrasing a source's idea and citing the source properly
 - b) Providing a bibliography at the end of the paper
 - c) Directly quoting a source and enclosing the quote in quotation marks with a proper citation
 - d) Using an idea from a source without giving it any credit

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

(10)

1. Sampling Method
2. Primary and Secondary data
3. Research Report

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

(20)

1. Explain the different characteristics of research.
2. Differentiate between Basic (Pure) Research and Applied Research.
3. Distinguish between Descriptive Research and Analytical Research.
4. Explain the difference between a research problem and a research objective.
5. Elaborate on the Null Hypothesis (H₀) and Alternative Hypothesis (H_a).