

CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN,  
NUVEM- GOA

B.A Semester VI (Regular)

Examination, July/August 2021

Subject Code: PSC109

Subject Name: Psychological Research

Total marks: 30

Duration: 2 hours

Total No. of pages: 03

---

*Instructions:* 1) All questions are compulsory.  
2) Figures to the **right** indicate **full** marks.

**I. Answer any five of the following in about 150 words.**

**5 x 2 =10**

1. Describe the main goals of research in psychology.
2. Explain informed consent and what it entails.
3. Explain the difference between a population and a sample.
4. Describe the source of the origin of a research problem.
5. Define a control condition. Explain its purpose in research.
6. Explain a quasi-experimental research.
7. Describe the features of a case study.
8. When we make a conscious effort not to think about something specific, we can't help but think of it! Participants were instructed, "Do not think of a white bear". Each participant was studied for a period of five minutes during which time they had to say aloud what they were thinking. Following this, a short interview was conducted with each participant, to ask them some questions about how they felt about the task. How might social desirability play a role in this study?

**II. Answer any four of the following in about 350 words.**

**4 x 5=20**

1. The first general principle of the APA ethics code is "beneficence and nonmaleficence." What does this mean for the researcher?
2. Identify the following into basic or applied research questions:
  - a. Is extraversion related to sensation-seeking?
  - b. Do video games such as *Grand Theft Auto* increase aggression among children and young adults?

- c. How do neurons generate neurotransmitters?
  - d. Does memory process visual images and sound simultaneously?
  - e. How can a city increase recycling by residents?
3. Distinguish in one sentence between:
- a. Probability and Non-probability sampling
  - b. Restricted and unrestricted sampling
  - c. Convenience and purposive sampling
  - d. Systematic and stratified sampling
  - e. Cluster and area sampling
4. Identify the type of research design and explain why.
- a. A researcher conducts detailed interviews with unmarried teenage fathers to learn about how they feel and what they think about their role as fathers and summarizes their feelings in a written narrative.
  - b. A researcher measures the impulsivity of a large sample of drivers and looks at the statistical relationship between this variable and the number of traffic tickets the drivers have received
5. Identify the independent variable in the following descriptions of experiments:
- a. Students watched a cartoon either alone or with others and then rated how funny they found the cartoon to be.
  - b. A comprehension test was given to students after they had studied textbook material either in silence or with the television turned on.
  - c. Some school teachers were told that a child's parents were college graduates, and other teachers were told that the child's parents had not finished high school; they then rated the child's academic potential.
  - d. Workers at a company were assigned to one of two conditions: One group completed a stress management training program; another group of workers did not participate in the training. The number of sick days taken by these workers was examined for the two subsequent months.