



PAJ-9273

Seat No. _____

B. Architecture (Sem. X) Examination

August - 2020

Research Methods

Time : 2 Hours]

[Total Marks : 80

- Instructions :** (1) Answer any four out of the following six questions :
(2) Each question carries equal marks (20).
(3) Write clear answers in good English to the questions that are actually asked and refrain from rambling about whatever else you may know.

- 1 What are the two main criteria for a research question or goal to qualify as a good research question / goal? Using this understanding, write one good research question or goal. Using this example, describe how it meets the two criteria. What part of your example can be improved to make this research question or goal clear and focused?
- 2 Starting with Field, what are the interrelated four other parts that can help a new researcher come close to what s/he wants to pursue as topic? Using an example of any research topic, write the correct sequence of these five parts. Describe how each one helps incrementally to get a better clarity and focus for the research topic.
- 3 What are the five types of research described by Michael Quinn Patton? For each of these five types, state the main purpose, focus, and desired results. Which two types of research, according to you, are most useful for architects and why? Why is research important for Architects?

- 4 Starting with "Introduction", state the other four major components (parts) of the structure of a typical research thesis. Write elaborate notes on any two of these five parts. Which is the most difficult part to write in / for a research thesis and why?
- 5 Write short, intelligent and intelligible notes on any four of these six topics :
- (A) Role and importance of research, in general, for any field
 - (B) Dependent and Independent Variables
 - (C) Exploratory and Explanatory Research
 - (D) Interrelationship between a Goal and its Objectives.
Give an example.
 - (E) Data Collection and Data Analysis Methods
 - (F) Write your own (original / 'maulik") thoughts on design informed by research
- 6 What are the differences between Research Design and Research Methods? Explain these terms using an example from Architecture and another from any other domain.
-