



Abhinav Bindra Sports Medicine and Research Institute
BPT 8th Semester 1st Internal Examination

Date: 08.07.2025

Methodology & Biostatistics

Time: 9.00-12.00noon

Subject: Research

F.M. – 50

A) LONG QUESTIONS – Answer all (2 X 15)

1. What are the types of sampling design? Write a note on purposive sampling technique
2. How would you differentiate an observational and experimental study designs? Explain the study methodologies

B) SHORT QUESTIONS- Answer any 1 (1 X 10)

3. What is hypothesis? Explain its types.
4. Write a note on research misconduct
5. What are the databases used to search literatures? Enumerate the steps of searching the evidence.

C) OBJECTIVE TYPE QUESTION Answer any 2 (2 x 5)

6. Differentiate skewness & kurtosis
7. Name the software used for plagiarism findings and statistical analysis
8. Define types of variables in research