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**School of Medical and Allied Sciences****B.Sc Cardiovascular Technology  
Mid Term Examination - May 2024****Duration : 90 Minutes  
Max Marks : 50****Sem VI - BCVT6003 - Research Methodology and Biostatistics**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) What is motivation in the context of research? K2 (2)
- 2) What is the process of research? K1 (3)
- 3) What is the main purpose of research? K2 (4)
- 4) What are the key steps involved in conducting research? K2 (6)
- 5) Differentiate primary sources of data from secondary sources. K3 (6)
- 6) Describe the possible motives for doing research K3 (9)
- 7) Deduce the mean deviation about the mean and median of the following data 10, 20, 60, 40, 50, 10 K4 (8)
  
- 8) Describe the clinical and diagnostic research with a suitable example. K4 (12)

**OR**

Describe the Conceptual and Empirical research with a suitable example. K4 (12)