



ADMISSION NUMBER

School of Medical and Allied Sciences

**B.Sc Cardiovascular Technology
Semester End Examination - Aug 2024**

**Duration : 180 Minutes
Max Marks : 100**

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

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|-----|--|--------|
| 1) | What types of issues does an ethics committee address? | K1(2) |
| 2) | Define the mean and explain it with example | K2(4) |
| 3) | Write down the rules of probability and explain them. | K2(6) |
| 4) | Describe the Inferential research with a suitable example. | K3(9) |
| 5) | Describe the structured and unstructured process of observation method of data collection. | K3(9) |
| 6) | Write down the ethical codes and explain each points briefly. | K5(10) |
| 7) | Describe the qualitative and quantitative research with a suitable example. | K4(12) |
| 8) | Write down the Merits and demerits of | K5(15) |
| 9) | Deduce the standard deviation and mean deviation about the mean of the following data | K5(15) |
| | Marks obtained 10-20 20-30 30-40 40-50 50-60 60-70 70-80 | |
| | Number of students 2 3 8 14 8 3 2 | |
| 10) | Describe in detail the need for write research proposals. | K6(18) |