

Registration No:

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Total Number of Pages: (01)

Course: MPT

SUBJECT NAME: Research methodology and Biostatistics

SUB_CODE: 23MPT102

(1st Year MPT) Examination: Regular 2024-25 & Supplementary 2023-24 (Admitted Batch)

BRANCH: Allied Sciences MPT

Q. CODE: A334

Max Time: 1 & 1/2 Hours

Max Marks: 40

Sitting: 1st , 10.00 AM to 12.30 PM

Any Question having parts should be answered as whole at one place only.

Illustrate answer with diagrams wherever relevant / required if any)

The figures in the right-hand margin indicate marks.

Long Answer questions any two out of four

Q 1	Explain various types of research in detail	(1 x 15 Marks)
Q 2	Elaborate on the significance and various steps of report writing.	(1 x 15 Marks)
Q 3	Write in detail about ethics and documentation related to research.	(1 x 15 Marks)
Q 4	Describe in detail about the epidemiological measures in statistics.	(1 x 15 Marks)

Q 5 Short answer questions (any five out of eight)

a)	Define analysis of variance.
b)	What is APA citation style
c)	What is statistical measure of validity
d)	Enumerate any two methods by which evidence-based practice can be used in research
e)	Define power analysis
f)	What is plagiarism check
g)	What is an abstract in a research paper
h)	Define outcome measures

(5 x 2 Marks)