

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Supplementary Examination – Winter 2023

<https://pharmacyindia.co.in/>

Date : 02/01/2024

Course : B. Pharmacy

Sem : VIII

Subject Name : Biostatistics & Research Methodology

Subject Code : BP801T

Max Marks : 75

Duration : 3 Hr.

D. Pharma University Exam Papers | B. Pharma University Exam Papers | GPAT,
NIPER, Pharmacist, Drug Inspector Exam Papers | Previous Year Exam Papers |
Latest Pharma Job | Pharma Colleges | Pharma News | Pharma Quiz

Visit - pharmacyindia.co.in

Instructions:

1. All questions are compulsory
2. Draw diagrams / figures wherever necessary
3. Figures to right indicate full marks

<https://pharmacyindia.co.in/>

Q. 1. Objective Type Questions (Answer all the questions)

(10 x 2) = 20

- i) Define Mean, Median and Mode.
- ii) Give need of research
- iii) Enumerate different graphs used for representing quantitative data
- iv) Enlist methods of sample size calculation in research study
- v) Give advantages and disadvantages of Pie chart.
- vi) Define bias in clinical studies.
- vii) Write formula for calculation of standard deviation and coefficient of correlation
- viii) Differentiate between type -I & type -II errors.
- ix) Enlist various online statistical software used in clinical trials
- x) Define a) Biostatistics b) Frequency distribution

<https://pharmacyindia.co.in/>

Q. 2. Long Answers (Answer 2 out of 3)

(2 x 10) = 20

- i) Discuss in detail Parametric tests.
- ii) Explain in detail about how statistical analysis is conducted by using Excel, SPSS & MINITAB.
- iii) Write a note on Response surface methodology.

<https://pharmacyindia.co.in/>

<https://pharmacyindia.co.in/>

pharmacyindia.co.in | pharmacyindia24@gmail.com | [8171313561](tel:8171313561), [8006781759](tel:8006781759)



Download PHARMACY INDIA App from Google Play Store