

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai — 600 044.

M.Sc.(BioStats) - END SEMESTER EXAMINATIONS APRIL - 2023

SEMESTER - IV

20PBSCT4011 - Clinical Trials and Epidemiology

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. What is the need for ethics in clinical trials?
2. Explain Single blind trials.
3. Classify epidemic and endemic investigations.
4. Describe questionnaire preparation in planning a epidemiological study.
5. Discuss the different phases of clinical trials.
6. Distinguish between unblinded and blinded trials.
7. Explain the guidelines for causation.
8. Examine Hill's Braford Model.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Explain the types of epidemiological studies.
10. Relate the different types of randomization.
11. Examine the statistical methods for determining trail size.
12. Diagnose the scope and stages of epidemiological study.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Differentiate between causation and prevention in epidemiology.
