

PRE Ph.D. EXAMINATION – JULY 2019

Time: 3 Hours

Max. Marks: 100

PAPER – I

Q.P. Code: 7001

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Discuss the causes and impact of population explosion in India
2. Describe the evolution of guidelines for good clinical practice

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Post marketing surveillance
4. Procedure of selecting subjects for clinical research
5. National rural health mission
6. Composition and responsibilities of institutional animal ethics committee
7. Statistical analysis for significance assessment
8. Phase-I clinical trials

PRE Ph.D. EXAMINATION – JULY 2019

Time: 2 Hours

Max. Marks: 50

**PAPER – III
BIOSTATISTICS**

Q.P. Code: 7003

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 10 = 20

1. Describe study designs, their need along with situations they can be used. (5+5)
2. Describe measures of central tendency and dispersion along with their need. (4+4+2)

SHORT ESSAY QUESTIONS:

5 X 6 = 30

3. Describe histogram, along with its utility in testing of hypothesis. (4+2)
4. Describe binominal distribution, its uses and role in testing of hypothesis. (4+2)
5. Describe Z-test for qualitative and quantitative data, along with conclusions drawn of after testing? (4+2)
6. Describe standard error and its uses in inferential statistics. (3+3)
7. Describe stratified sampling, its uses with suitable examples. (4+2)
