KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, BELAGAVI.
(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)
Accredited 'A' Grade by NAAC (2nd Cycle) Placed in 'A' Category by MHRD (GoI)

PRE Ph.D. EXAMINATION – JULY 2018

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 composition, duties and responsibilities of University Grants Commission.

2. Describe ethical issues involved and their handling in conduct of clinical trials. Write a note on the Ethical Review Committee.

SHORT ESSAY QUESTIONS: **6 X 10 = 60**

3. How the CGPA calculated in NAAC Accreditation?
4. Write a note on Research Protocol Development.
5. Name the national and internal agencies financing research in health sciences.
6. Discuss salient features of National Health Policy.
7. Describe different steps involved in Biomedical Waste Management.
8. Write a note on Helsinki Declaration.

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PRE Ph.D. EXAMINATION – JULY 2018

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 sampling techniques along with their merits and demerits. (5+5)

2. Describe standard deviation and standard error and quantitative and qualitative data, along with their utility in testing of hypothesis. (5+5)

SHORT ESSAY QUESTIONS: **5 X 6 = 30**

3. Describe power of the test along with its utility in testing of hypothesis. (3+3)
4. Describe normal distribution along with its utility. (3+3)
5. Type I and Type II errors with suitable examples. (3+3)
6. Describe measures of point and interval estimations with suitable example. (3+3)
7. Relevance of sample size in Research. (6)

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