



SRI GURU RAM DAS UNIVERSITY OF HEALTH SCIENCES, SRI AMRITASR

(Established Under Punjab Govt. Act No. 43 of 2016)

Structure and Syllabus for Ph.D. Entrance Exam

- 1) The Ph.D. Entrance Exam paper of 100 marks will be open to suitably qualified candidates.
- 2) The Ph.D. Entrance Exam Paper will consist of Two Parts
Part- A - Research Methodology (Common to All Faculties)
Part- B - Concerned Specialty (Faculty-wise)
- 3) The Ph.D. Entrance Exam Paper will consist of 50 multiple choice questions (MCQs) out of which 20 MCQs will be based on syllabus of Research Methodology and 30 MCQs will be based on syllabus of the concerned specialty of the applicant. Each MCQ will be worth 2 marks and there will be no negative marking for a wrongly answered MCQ. Each MCQ will have four possible choices out of which correct choice will be indicated by the applicant to earn marks.
- 4) The time duration of the entrance examination will be one hour.
- 5) The syllabus for the entrance exam will be as under:

Part- A - Research Methodology:

An Introduction to Research Methodology, Defining the Research Problem, Research Design, Sampling Design, Methods of Data Collection, Methods of Investigation, Processing and Analysis of Data, Sampling Fundamentals, Testing of Hypothesis, Interpretation and Report Writing, Role of Computer in Research.

For Research Methodology and Biostatistics, Refer these Books

1. Biomedical Research Methodology

(Including Biostatistical Application)

Ranjan Das, PN Das
By Jaypee Publishers
or

2. Research Methodology Simplified

Every Clinician a researcher

Mahendra P Parika, Avijit Hazora, Joydev Mukherjee, Nithya Gogtay
By Jaypee Publishers

Please Focus on following topics in Biostatics

Significance Test

1. Normal Distribuion
2. Student t-test
3. X^2 – test

Descriptive Test

4. Presentation of Date
5. Central tendency
6. Dispersion
7. Correlation

Part- B - Concerned Specialty

Syllabus for the concerned specialty of the applicant for the Ph.D. entrance exam will be the same as detailed in the current Ordinances governing the Post Graduate degree programmes of various faculties of Sri Guru Ram Das University of Health Sciences, Sri Amritsar.