

SECTION – A

(Common for all candidates)

Total Marks: 50

Ph.D. Entrance Examination Syllabus (Research Methodology)

Unit	Content
1	Basics of Research: Research: Meaning, Objective, Characteristics, Steps of research, Methods of research, Types of research – Descriptive vs. Analytical, Applied vs. Fundamental, Quantitative vs. Qualitative, Conceptual vs. Empirical.
2	Research Problem and Research Design: Introduction to Research Problem, Necessity of Defining the Problem, Selecting the Problem, Techniques Involved in Defining a Problem, Meaning and Types of Research Design, Important Concepts Relating to Research Design
3	Sampling Design: Census and sample survey, Implications of a Sample Design, Steps in sampling Design, Criteria of Selecting a Sampling Procedure, Characteristics of a Good Sample Design, Different Types of sample Designs, How to Select a Random Sample?, Random Sample from an Infinite Universe, Complex Random Sampling Designs
4	Data Collection and Analysis: Methods of Data Collection- Observation, Interview, Questionnaires, Schedules, Survey and Experimental. Selection of Appropriate Method for Data Collection, Different Techniques of Sampling such as Probability and Non-Probability, Basic Statistical Methods of Data Analysis such as Frequency distribution, Measures of central tendency, Measures of Dispersion, Coefficient of variation, correlation and regression.
5	Research Ethics and Morals: Environmental impacts and Ethical issues, Commercialisation, Copy right, Royalty, Intellectual property rights and Patent law, Plagiarism, Citation, Referencing style and acknowledgement.

SECTION – B

Total Marks: 50

Ph.D. Entrance Examination Syllabus (Sanskrit)

S. No	Content
1.	Vedic Literature (i) Rigveda - 2.12, 1.115, 3.33, 5.8, 5.80, 9.73, 10.90, 10.117, 10.125, 10.129 Vedic Grammar - Vaidik Sandhi, Shabdarupa, Dhaturupa, Tumarthak Pratyaya, Tvarthaka Pratyaya, Vaidika Svra, Pada Patha Nirukta - Chapter 1, 2 & 7 Ishavasyopanishad Shvetashvatropanisad - Chapter 1-4
2.	Sahityashastra (i) Sahityadarpana (Pariccheda 1-4 & 6)
3.	Sanskrit Poetry Naisadhiyacaritam (First Canto) Meghadutam
4.	Sanskrit Drama Mrchhakatikam Uttararamacharitam
5.	Sanskrit Prose Vasavadatta (Upto Madhyama Lokamavatatara) Kadambari (Kathamukha)
6.	Indian Culture Varnashrama, Purushartha, Sodhasha Samskara, Jaina, Bauddha, Shaiva and Vaishnava Religion
7.	Indian Philosophy Tarkabhasha Vedantasara Samkhyakarika Arthasamgraha
8.	Sanskrit Grammar Laghusiddhantakaumudi Linguistics