

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 (Philosophy)

Philosophical Theories and Concepts

1. Metaphysics

- i. Theories of mind and consciousness
- ii. Theories of meaning and truth
- iii. Realism and anti-realism
- iv. Freewill: Determinism, Indeterminism and Compatibilism
- v. Form and matter
- vi. Theories of Self
- vii. Theories of Causation
- viii. Problem of personal identity
- ix. Problem of other minds
- x. Problem of matter
- xi. Essentialism
- xii. Atomism
- xiii. Dualism
- xiv. Epiphenomenalism
- xv. Anomalous Monism
- xvi. Eliminative Materialism
- xvii. Behaviorism
- xviii. Substance Dualism
- xix. Nature of Relations
- xx. Critique of metaphysics

2. Epistemology

- i. Theories of perception
- ii. Theories of knowing
- iii. Theories of Justification: Internalize and Externalism
- iv. Gettier Problem
- v. Definition of knowledge (Pramā) in Classical Indian philosophy
- vi. Theories of Error in Classical Indian philosophy
- vii. Sources of knowledge Classical Indian philosophy
- viii. Theories of Justification in Classical Indian philosophy (pramānyavāda)

3. Ethics

- a. Normative Ethics
 - i. Consequentialism
 - ii. Kantian Deontology
 - iii. Virtue Theoretical Ethics
 - iv. Contractarianism and Contractualism
 - v. Natural Rights Theory
 - vi. Feminist Ethics

Theories of Metaethics

- i. Cognitivism and Non-cognitivism
- ii. Moore's Non-naturalism
- iii. Error Theory
- iv. Prescriptivism
- v. Relativism
- vi. Moral Realism and anti-realism

1. Applied Ethics

- i. Bio-medical Ethics
- ii. Animal Ethics
- iii. Theories of Punishment
- iv. Environmental Ethics
- v. Business Ethics

2. Indian Ethical Tradition

- i. Mīmāṃsā Theory of Dharma, itikartavyatābodha, artha and bhāvnā,
- ii. Buddhist Ethics
- iii. Jaina Ethics
- iv. Theory of Obligation in Bhagvad Gītā

Social and Political Philosophy

- a. Political Ideas: Equality, Justice, Liberty, Freedom, Rights
- b. Individual and State
- c. Democracy
- d. Socialism
- e. Marxism
- f. Secularism
- g. Sarvodaya
- h. Gender equality
- i. Contemporary theories and debates: Utilitarianism, Rawls's Justice as Fairness,
- j. Libertarianism, Communitarianism, Political liberalism, Multiculturalism, Feminism

Contemporary Indian Philosophy

- i. Gandhi, Ambedkar, Tagore, Aurobindo, Vivekananda
- ii. Gandhi Tagore Debate
- iii. Gandhi Ambedkar Debate
- iv. Radhakrishnan
- v. K. C. Bhattacharyya
- vi. Jyotiba Phule
- vii. Mohammad Iqbal
- viii. Amartya Sen