

Ph.D. Entrance Test Syllabus for Ph.D. Clinical Psychology

The PET (Ph.D. Entrance Test) for Ph.D. Clinical Psychology consists of two parts:

- Part I: Research Methodology (50 marks) and
- Part II: Subject Specific (Related to Clinical Psychology for 50 marks)

Total Marks for Ph.D. Entrance Test: 100 Marks

SYLLABUS

Part I: Research Methodology (50 Marks)

- 1) **Introduction to Research and Research Problem:** Meaning of research, types of research, Objectives of research, Research and Scientific Method, Sources of research problem, Criteria/ Characteristics of a good research problem, Errors in selecting a research problem, Scope and objectives of research problem, defining a research problem (Real life example or case study), formulation of research hypotheses, Qualities of a good Hypothesis.
- 2) **Research Design and Literature Review:** Research Design- Concept and Importance in Research, Features of a good research design, research designs – Experimental & Analytical research designs (informal and formal), Literature survey- Definition of literature and survey, need of literature survey, objectives of literature survey, sources of literature review. Critical literature review– Identifying gap areas from literature review and strategies of literature survey, Errors in research.
- 3) **Data Collection, Measuring, Sampling and Scaling:** Classification of data, benefits and drawbacks of data, evaluation of data, qualitative methods of data collection, types of data analysis, Sampling, sample size, sample design- concept of probability sampling and non- probability sampling, attitude measurement and scaling, types of measurements, criteria of good measurements, classification of scales.
- 4) **Data Analysis:** Testing of hypothesis and Goodness of Fit: Definition of null and alternative hypothesis, students 't' distribution, Chi-square distribution, F-test, analysis of variance techniques, introduction to non-parametric tests. Regression Analysis – Simple Linear Regression, Multiplelinear Regression, Correlation and Regression Analysis. Introduction to factor analysis, discriminantanalysis, cluster analysis, multidimensional scaling, Multidimensional measurement, and factor analysis.

- 5) **Report, Research Proposal and Funding Agency:** Need of effective documentation, types of reports and their format. Essentials of a research proposal. Different funding agencies for research. Research briefing, presentation styles, elements of effective presentation, writing of research paper, presenting, and publishing paper, patent procedure, ethical issues.

Reference Books:

- Dr. C. R. Kothari, Research Methodology: Methods and Trends, New Age International Publishers, 3rd Edition, 2014.
- Ranjit Kumar, Research Methodology: A Step by Step Guide for Beginners, SAGE Publications Ltd., 2014.
- Wayne Goddard and Stuart Melvill, Research Methodology: An Introduction, Juta and Company Ltd. 2004.

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Part II: Subject Specific Paper – Clinical Psychology (50 Marks)

- 1) **Introduction to Clinical Psychology:** Introduction and history of clinical psychology, models of Clinical Psychology, Psychopathology and systems of classification. Basic features of DSM-5, DSM-5-TR, & ICD-11: Similarities, differences and critical evaluation.
- 2) **Psychological Assessment:** Objectives and Principles of Psychological Assessment, Case History, Mental Status Examination, Cognitive Assessment, Personality and Projective Assessment, Intelligence Testing, Neuropsychological Assessment, and Behavioral Assessment.
- 3) **Intervention and Treatment:** Community based approaches to mental health, Different types of Counseling, Theoretical Approaches to Psychotherapy: Psychodynamic, Cognitive-Behavioral, Humanistic, Existential, Evidence-Based Psychotherapies, Pharmacotherapy, Group Therapy, Family Therapy, Alternative therapies.
- 4) **Ethics and Professional Issues in Clinical Psychology:** Ethical and Legal Issues in Clinical Practice and Assessment, Report writing, Client Profiling, conducting and reporting research.

5) **Advances in Clinical Psychology:** Nature, definition and applications of following areas: Forensic Psychology, Neuropsychology, Health Psychology, Rehabilitation Psychology, Geriatric Psychology, Substance Abuse and Addiction, Cultural and Cross-Cultural Psychology

Reference Books:

- American Psychological Association. (2010). Ethical Principles of Psychologists and Code of Conduct.
<http://www.apa.org/ethics/code/principles.pdf>
- Capuzzi, D., & Gross, D.R. (2008). Counseling and Psychotherapy: theories and interventions 4thEdn. Pearson Education: India.
- Hecker, J. E. & Thorpe, G. L. (2011). Introduction to Clinical psychology: Science, practice, and ethics, (4th ed.), India: Dorling Kindersley Pvt. Ltd.
- Psychological Testing – Anne Anastasi and Susana Urbana, New Delhi: Pearson Education. 7th edition.
- Psychological Testing- Principles, Applications and Issues – Robert M. Kaplan & Dennis P. Saccuzzo. New Delhi: Cengage Learning India Pvt. Ltd. 2009. 6th Edition.
- Sapsford, R., & Abbott, P. (2006). Ethics, politics and research. R. Sapsford & V. Jupp (Eds.), Data collection and data analysis, 291-311. London: Sage.