

Scheme of Examination Ph.D in Psychology

(As per Credit System w.e.f. the academic year January – December 2017)

Program Specific Outcomes

Program Specific Outcomes:

PSO1 Students would be able to pursue research of significance in the discipline or interdisciplinary areas under the guidance of an advisor.

PSO2 Students would gain an insight regarding the area of interest and would have an understanding of conceptual framework of the variables undertaken.

PSO3 Students would have an understanding in planning the design and methodology of research undertaken.

PSO4 Students would be able to understand various statistical techniques, their interpretation and would be able to write the research work keeping in view the various ethical issues involved.

PSO5 Students would have the understanding of the shortcomings and further recommendations about the study undertaken.

PSO6 Students would attain the knowledge about the applicability and implications of the study undertaken.

The entire course will be of two semesters. Each student should earn a minimum of 30 credits over the entire course. (Core = 22; Dissertation = 8)

The scheme & syllabus of M.Phil semester-I and Ph.D. programme is common.

Sem	Paper Code	Nomenclature	Hrs/W week L+T+P	Marks			Examination (hrs)	Credits L+T+P
				Int. Asst	Sem. Exam.	Total		
I	17PSYPH11C1	Advances in Research Methodology	4+0+0	20	80	100	3 hrs	4+0+0=4
	17PSYPH11C2	Recent Trends in Psychology	4+0+0	20	80	100	3 hrs	4+0+0=4
	17PSYPH11C3	*Practicum : a)Computer Applications in Psychological Research b) Project Report: Library Review Based	0+0+8	-	100	100	4hrs	0+0+4=4
C=12			Total Credits: 12					

Note-I : The topic of the Seminars will be assigned to every student by the class teacher concerned and it will be evaluated by a panel of examiners consisting of two (HOD + concerned teachers of the paper) members. The seminar of 20 marks would be equally distributed for term paper and the presentation (10 marks each)

SEMESTER I
PAPER- 17PSYPH11C ADVANCES IN RESEARCH METHODOLOGY
Course Outcomes

Course Outcomes:

CO1 Students would be able to develop and test research ideas and apply the knowledge of research designs in planning and analysing research.

CO2 Students would gain knowledge about the assumptions, technique and applications of ANOVA

CO3 Students would gain knowledge about special correlational and regression analysis.

CO4 Students would gain knowledge about techniques and applications of qualitative research.

Credits: 4

M.Mark : 100
Internal Assessment: 20
Examination: 80 Marks
Time:3hrs

- Note:-**
- A) Eight questions would be set in all.
 - B) There would be two questions from each of the four units.
 - C) Candidate would be required to attempt four questions (selecting one from each unit.)

UNIT-I

Development and Testing of Research Ideas.

Experimental Designs: Randomized block, Latin Square and Multifactor design, Quasi Experimental design.

UNIT-II

Analysis of Variance: Uses, Assumptions and Applications of ANOVA in Psychological Research.

ANOVA: Independent and equal N (One way, two way and three way); Repeated Measures (One way and two way) with repeated measures on one and both factors.

UNIT - III

Special correlations : Uses and Applications; Biserial, Point Biserial, Tetrachoric and Multiple correlation.

Regression: Uses, Assumptions and Limitations ; Simple and Multiple Regression

UNIT-IV

Qualitative Analysis: Applications, Assumptions and Limitations.

Qualitative Methods: Content analysis, Grounded Theory, Category Identification, Narratives.

Recommended Books:

Broota K.D. (1989). *Experimental Design in Behavioural Research*. New Delhi: Willey Eastern

Giles, D.C. (2002). *Advanced Research Methods in Psychology*. New York: Rutledge.

Hair, J.F., Anderson, R.E., Tatham, R.L., & Black, W.C. (1995). *Multivariate Data Analysis*. Jersey: Prentice Hall.

Kline, T.J.B. (2005). *Psychological Testing*. New Delhi: Vistaar Publications.

Mc Burney, D.H. (1994). *Research Methods*. California: Brooke/Cole.

McGuigan, F.J. (1993). *Experimental Psychology Methods of Research*. New Delhi: Prentice Hall .

Nachmias, D., & Nachmias, C. (1981). *Research Methods in Social Sciences*. New York: St. Martin's Press.

Ray, W.J. (2003). *Methods*. California: Thomson Wordsworth.

Shaughnessy, J.J. and Zechmeister E.B. and Zechmeister, J.S. (2000) *Research Method in Psychology*. New York: McGraw Hill.

Smith, J.A. (2003). *Qualitative Psychology*. London: Sage Publications.

Smith, J.A.(2008). *Qualitative Psychology: A practical Guide to Research Methods*. New Delhi: Sage.

Spences, B. and Bowers, D (1976). *An Introduction to Multivariate Techniques for Social and Behavioral Sciences*. London: The Macmillan Press Ltd.

Tabachnick, B.G. & Fidell L.S. (1983). *Using Multivariate Statistics*. New York: Harper and Row

Winer, B.J. (1971). *Statistical Principles in Experimental Design*. London: McGraw Hill, Ltd.

Course Outcomes

Course Outcomes:

- CO1 Students would be able to relate theories and the findings from research studies in Cognition to research and professional areas.
- CO2 Students would be sensitized to the utility and applicability of Psychology in defence Services.
- CO3 Students would be able to comprehend and apply the psychological processes underlying media effects or influences to research and professional areas.
- CO4 Students would be able to comprehend and apply the psychological processes underlying politics to research and professional areas.

Credits:4

M.Mark : 100

Internal Assessment: 20

Examination: 80; Time: 3 hrs.

- Note:-** A) Eight questions would be set in all.
B) There would be two questions from each of the four units.
C) Candidate would be required to attempt four questions (selecting one from each unit.)

UNIT-I

Cognitive Psychology: Individual differences in Cognition; Gender differences in Cognition; Cognition in Cross-cultural perspective.

UNIT-II

Military Psychology: Nature and Scope; Contemporary Issues and Emerging Trends; Selection, Allocation and Training.

UNIT-III

Media Psychology: Nature and scope; Influences of Films on behavior; Portrayal of Social groups in Films; Films and Behavior transformation.

UNIT-IV

Political Psychology: Psychologies underlying Political Psychology; Psychology of Racism and Intolerance; Psychology of voting behavior.

Recommended Books:

- Galotti, K.M.(2014). *Cognitive Psychology: In and Out of the Laboratory*. New Delhi: Sage
- Giles, D.C. (2010). *Psychology of the media*. Basingstoke: Palgrave.
- Giles, D.C. (2003). *Media psychology*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Hall, R. & Mangelsdroff, A.D. (1991). *Handbook of Military Psychology*. USA: John. Wiley & Sons.
- Houghton, D.P. (2009). *Political Psychology: Situations, Individuals, and Cases*. New York and London: Routledge.
- Huddy,L., Sears, D.O,& Levy,J.S. (2013)*The Oxford Handbook of Political Psychology*. New York: Oxford University Press.
- Kennedy, C.H. & Zillmer, E.A. (2006). *Military Psychology: Clinical and Operational Applications*. N.Y: Guilford Press.
- Ramachandran, K. (in press). *Handbook of Military Psychology*. Delhi: DIPR.

Paper-17PSYPH11C3

**PRACTICUM
Course Outcomes**

Course Outcomes:

CO1 Students would be familiarized with calculation procedures and tabulation of results of ANOVA, correlation and regression analysis with the help of statistics/SPSS software.

CO2 Students would gain mastery in computerized analyzing of data using software packages.

CO3 Students would attain the knowledge to select the relevant studies related to the topic of project report.

CO4 Students would be able to write review based articles.

Credits: 4 (8 hrs/week)

**M.Marks: 100;
Time : 3 hrs.**

a) Computer Applications in Psychological Research

M.Mark : 50

Each student will be familiarized with calculation procedure and Tabulations of results of the following statistical analysis using Statistical/ SPSS software. Evaluation of will be on the basis of Performance, Report and Viva.

- Computation of ANOVA - Independent and equal N (two way and three way); Repeated Measures (One way and two way) with repeated measures on one and both factors with post hoc analysis.
- Computation of Correlation – Bivariate, Multivariate, Partial
- Computation of Regression - Simple, Multiple

b) Project Report: Library Review Based

M.Mark :50

Each Student will undertake a library review on a topic to be assigned by supervisor (Dissertation) and submit a report . However, the topic will be different from the topic of dissertation. Evaluation of will be on the basis of Report and Viva.

