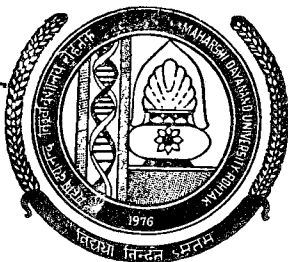


**Maharshi Dayanand University  
Rohtak**

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• Ordinances, Syllabus and Courses of  
Reading for  
M.A. (Prev.) Psychology  
Examination

**Session—2002-2003**

*Available from :*

Deputy Registrar (Publication)  
Maharshi Dayanand University  
Rohtak-124 001 (Haryana)

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At the Counter : Rs. 50/-  
By Regd. Parcel : Rs. 75/-  
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## **ORDINANCE : MASTER OF ARTS EXAMINATION**

1. The Master of Arts Examination shall be held in two Parts, Part-I examination shall be held at the end of the first year and Part-II examination at the end of second year.
2. The examination in Part-I and Part-II shall be held once a year ordinarily in the month of April/May, on such dates as may be fixed by the Vice-Chancellor.

A supplementary examination in Part-II of M.A. will be held in December or on such dates as may be fixed by the Vice-Chancellor for those candidates who have passed all the Papers of Part-I exam, but have got 're-appear' or have failed or want to improve their number of chances will not exceed as given in the Ordinance.

3. The last date for the receipt of admission form and fee without late fee as fixed by the Vice-Chancellor, shall be notified to the Heads of the University Teaching Departments, P.G. Regional Centre and the colleges concerned.
4. A candidate's admission form and fee may be accepted after the last date on Payment of late fee of Rs. 105/- upto the date notified by the University.

*Note : No late fee shall be charged if the admission form and fee are received within three working days of grace after the last date for the receipt of the same without late fee*

5. A person who has passed one of the following Examinations, shall be eligible to join the first year (Part-I) class of Master of Arts course; (except Master of Physical Education).
  - (i) B.A./B.Sc./B.Com. (Hons.) Examination in the subject of Postgraduate Course.
  - (ii) B.A./B.Sc./B.Com. (Hons.) in a subject other than the subject of Post-graduate Course with atleast 50% marks in the aggregate.
  - (iii) 1st Bachelor's degree with atleast 50% marks in aggregate or 45% marks in the subject of P.G. Course in which the candidate wishes to seek admission.
  - (iv) Shastri Examination (New Scheme) of this University in the manner prescribed in (i) and (ii) above.
  - (v) Master's degree examination in another subject.

- (vi) The B.A. degree obtained through English only etc. shall be considered for admission to M.A. in various subjects at par with B.A. degree.
- (vii) An examination of any other University recognised by this University as equivalent to (i) or (ii) or (iii) or (iv) or (v) or (vi) above.

**Provide that**

- a) A candidate who has passed B.Com. Examination with atleast 45% marks in the subject(s)/paper (s) related to Economics including Statistics shall also be eligible to take up M.A. Economics course.
- b) A candidate who has passed B.Sc. (Agri.) with Agriculture Economics as one of the paper/subject shall also be eligible to take up M.A. Economic course.
- c) A candidates who has passed B.A. examination with atleast 45% marks in Public Administration or Sociology shall be eligible to thake up M.A. Political Science.
- d) A candidate getting atleast 55% makrs in Hindi (Compulsory) subject may also be considered eligible for admission to M.A. Hindi.
- e) A candidate who has passed B.A. (Hons.) in Sanskrit with atleast 45% in Sanskri (Elective) may also be considered eligible to tade up M.A. (Hindi), if the candidates who have passed B.A. (Hons.) Hindi or B.A. with Hindi (Elective) obtaining 45% marks are not available
- f) A candidate who has passed Bachelors Degree Examination in Music (B.Mus. from any Indian University shall be eligible for admission to M.A. course without any condition of minimum percentage of but no one who did not take up Music as one of his subject for the B.A. Examination shall be eligible to take up M.A. Music provided he is working as a teacher of Music in a college admitted to the Privileges of this University or in a recognised Higher Secondary School within the jurisdiction of the University or in addition to passing B.A./B.Sc. he has passed one of the following examination :

Sangeet Visharad : From Bhatkhade Sangeet Vidyapeeth  
Lucknow or from Gandharya  
Mahavidyalaya, Bombay.

Sangeet Prabhakar : From Prayag Sangeet Smiti, Allahabad  
or  
Jaipur.

Sangeet Visharad : From Prachin Kala Kender  
Chandigarh.

- g) A candidate who has passed B.A. Examination with Sociology or an allied subject such as Psychology, Political Science, Economics, History and Geography as one of the subjects with 45% marks in aggregate and 45% marks in Sociology or allied subject mentioned above shall be eligible to take up M.A. Sociology.
- h) A candidate who has passed B.A. Examination with History or in any other subject listed in the Faculty of Social Sciences (i.e. Political Science, Sociology, Public Administration, Geography, Psychology etc.) obtaining at least 45% marks in the subject shall be eligible to take up M.A. History.
- i) A candidate who has not passed B.A./B.Sc. (Pass or Hons.) with Mathematics as one of the subjects shall not be eligible to join M.A. Mathematics Course.
- j) A candidate who has studied the subject of Sanskrit at B.A. level, whether elective or compulsory, for a full span of three years shall be eligible to seek admission to M.A. Sanskrit Course. The minimum percentage of marks for those who have studied Sanskrit compulsory should be 55 % in the subject.
- k) For admission to M.A. (Rural Development) a candidate must have passed Sc. (Agriculture) with Agricultural Economics as one of the papers/subjects 50% marks in aggregate or B.A. with 45% marks in any subject of Social Science.

**For M.A. Physical Education**

Eligibility condition for admission to M.A. Physical Education :

*Note : A person who has passed one of the following examinations shall be eligible to join the 1st year (Part-I) of the Master of Arts (Physical Education) course :-*

- A i) A Bachelor's Degree examination in Humanities of the M.D. University, Rohtak or an examination recognised as equivalent thereto with at least 45% marks in the aggregate with English as one of the subjects at the under-graduate level or B.Com./B.Sc./B.Sc. (Home Science) B.Sc. (Agri.) with 50% marks.
- ii) B.P.Ed./D.P. Ed. one year course after graduation with at least 50% marks.

- iii) Bachelor of Physical Education (B.P.F.), three year degree course with atleast 50% marks.
- iv) B.S.H. and P.E. five years course with atleast 50% marks.

AND

- B The candidate has taken part in the Inter-University Zonal or All India Inter-University Tournaments in the game and sports recognised by the Inter-University Sports Board.

OR

After having won position at the University, Inter-College Tournaments he/she has represented the State at Inter-State or National Tournaments in the game and sports recognised by T.U.S.B. Such candidates will, however, have to submit additional certificates as mentioned in the note of Appendix of the Hand Book of Information.

### **M.A. (Fine Arts) Drawing and Painting (Previous)**

A candidate who has passed B.A. or an equivalent examination with Fine Arts as open of the subjects obtaining atleast 50% marks in aggregate and 45% marks in the subject of Fine Arts.

### **Important Note**

A person who has passed Post-graduate examination shall not ordinarily be allowed to seek admission to P.G. Course in another subject as a regular student.

6. A candidate who is placed under compartment in the qualifying exam. shall not be allowed to join M.A. Course.
7. A candidate who has failed in one or more paper(s) or fails to appear in M.A. Examination shall be allowed two additional subsequent chances only to pass the M.A. examination. This is however, subjects to the provision in Clause-8 below.
8. A candidate who fails to pass the M.A. Examination within a period of four years of his admission to the course shall be deemed to be unfit for Post-graduate Studies in the subject concerned.
9. A person who has passed the following Examinations shall be eligible to join the M.A. Part-II.
  - a) M.A. Part-II Examination from M.D. University, in the subject concerned. This is however, subject to Clause-7. However, the candidates who have passed atleast two theory papers out not four or five theory papers or atleast three theory papers out of six or seven theory papers of Part-I exam. of the University will be promoted to Part-II class, provisionally.

OR

- b) M.A. Part-I Examination of the subject offered from the Kurukshetra University or Panjab University or Punjabi University, or Guru Nanak Dev University or Himachal Pradesh University, provided that the Head of the University Departments/Principal of the college concerned is satisfied that the contents of papers already passed by him are almost the same as in the M.A. Part-I Examination this University; in this case the marks obtained in M.A. Part-I of course at any of these Universities shall be counted towards division of successful candidates by increasing or reducing the marks obtained in accordance with maximum marks prescribed for M.A. Part-II Examination of this University.
10. The M.A. Examination in Part-I/Part-II shall be open to a student who :-
- a) has passed the requisite qualifying Exam. or is covered under Clause-5 and 8 and.
  - b) has name submitted to the Controller of Examinations by the Head of the University Dept./Principal of the college he has most recently attended and produces the following certificates, signed by him:-
    - i) of possessing good character
    - ii) of having/remained on the rolls of Department/College during the year preceding the Examination and of having attended not less than 65% of the full course of lectures and tutorials separately and 75% of practicals (the courses to be counted upto the last day when the classes break up for the preparatory holidays).
11. Every candidate shall be examined according to the scheme of examination and syllabus as approved by the Academic Council from time to time.
12. The amount of Examination fee to be paid by a candidate for each year shall be as follows :

Regular	Ex-Student
Rs. 100/- (Plus Rs. 20/- per practical	Rs. 110/- Subject)

13. A candidate who re-appears in one more paper(s) Practical(s) for the purpose of passing/improvement of score of marks/result shall pay fee as for the whole Examination.

- i) The medium of instructions shall be :-
    - a) Hindi in case of Hindi and English in case of English.
    - b) English or Hindi or Sanskrit in case of Sanskrit and
    - c) English/Hindi in case of other subjects.
  - ii) The question papers will be set :
    - a) in Hindi in case of Hindi, Sanskrit and Music and
    - b) in English and Hindi in case of other subjects.
  - iii) The candidate shall write their answer as under :-
    - a) in Hindi in case of Hindi;
    - b) in English or Hindi or Sanskrit in case of Sanskrit
    - c) in English in case of English and Mathematics and
    - d) in English/Hindi in case of other subject.
14. The minimum number of marks required to pass the Examination shall be as under :
- A) In all subjects except Physical Education
    - i) 33% in each paper (written and practical separately);
    - ii) 40% in each practical in the case of Music;
    - iii) 40% in Dissertation/Viva-Voce, where prescribed;
  - B) In Physical Education
    - i) 35% in each theory paper;
    - ii) 40% in practical; and
    - iii) 40% in aggregate
15. A candidate who has completed the prescribed course of instructions in College/University Teaching Department for previous/final examination but has not appeared in it or recommendation of the Principal of the College/Head of University Teaching Department concerned to appear in the subsequent year in the examination paper(s) as the case may reappearing in the examinations the candidate shall be exempted from reappearing in paper(s) and/or practical(s) in which he has obtained atleast 40% marks.
- 16.1. A candidate who has passed M.A. Part-I Examination obtaining at least 55% marks in aggregate may offer dissertation wherever prescribed in the Scheme of Examination for the course. The subject of the dissertation shall be approved by the Head of the Department

concerned. A candidate shall submit to the Head of the Department an application for the approval of the topic for the dissertation alongwith a synopsis within one month of his admission to M.A. Part-II.

16.2. Every candidate who offers dissertation shall be required to submit three copies of his dissertation alongwith a brief abstract of the same giving an account of the investigation/research conducted and its main findings (which will not exceed 500 words). The dissertation shall be examined by one external Examiner only.

16.3. The last date for receipt of the dissertation in the office of the Controller of Examinations shall be one month before the commencement of the Theory Examination, provided that in exceptional, cases, Vice-Chancellor shall have the power, to extend, on the recommendation of the Head of the Department, the last date for receipt of the dissertation upto three months. If a candidate fails to submit his dissertation even during the extended period he will be considered to have absented in the dissertation paper and his result shall be declared accordingly.

16.4. A candidate who has submitted a dissertation as part of the Examination may withdraw the same before it has been examined but once is examined and candidate obtains the minimum pass marks he shall not be permitted to withdraw it or submit another dissertation in lieu thereof. The marks obtained by him for the dissertation shall be taken in to account when he appears in any future examination for the purpose of passing therein or for improving the score of marks/result.

17. As soon as possible, after the termination of the examination the Registrar/Controller of Examinations shall publish the result of candidates and issue Detailed Marks Card.

18. The result of candidates who have passed the M.A. examination shall be classified into division as under, the division obtained by the candidate will be stated in his degree :-

- a) Those who obtain 60 percent or more marks First Division
- b) Those who obtain 50 percent or more  
but less than 60 percent marks Second Divion
- c) All below 50 percent Third Diviosn



19. A candidate who has already passed the Master of Arts Examination from this University, in a subject in which different optional papers are permitted, may appear in one or more other optional papers of that subject, at any subsequent examination when held, without attending a regular course of study on payment of fee as prescribed for the whole exam. Provided that if there is any corresponding practical work involved he must attend the prescribed number of practicals etc. in the Department. Such a candidate shall, in order to pass, be required to obtain at least 40 percent marks in each paper.

20. A candidate who has passed Part-II of M.A. Examination of this University will be allowed to appear for improvement of his result as an ex-student in one more theory paper(s) of the M.A. Part-II. Examination once within a period of two years of his passing the Part-II Examination.

The result of such a candidate shall be declared only if he improves his score of marks by taking into account the marks obtained by him in the paper(s) in which he reappeared and the marks obtained by his earlier in the remaining paper(s) etc. The fact that the candidate has improved shall be mentioned in the Detailed -Marks Card.

Provided further that the candidate will take the Examination according to syllabus in force for the regular student for that examination.

21. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of the academic year and nothing in this Ordinance shall be deemed to debar the University from amending the ordinance and the amended Ordinance, if any shall apply to all students, whether old or new.

**M.A. (PREVIOUS) PSYCHOLOGY 2002-2003**

There would be five theory papers (each carrying 70 marks) and a practical of 150 marks. All papers would be compulsory.

Paper No.	Nomenclature of the Paper	M.Marks	Time
I	Cognitive Processes	70	3 Hrs.
II	Bio-Psychology	70	3 Hrs.
III	Social and Cultural Psychology	70	3 Hrs.
IV	Philosophy and Theories in Psychology	70	3 Hrs.
V	Research Methodology	70	3 Hrs.
VI	Practicals	150	6 Hrs.
	VI a) Practical related to paper I,II,III (30×3)	90	4 Hrs.
	VI b)(Parts-i, ii & iii)	60	2 Hrs.
	(i) Data Collection Technique	30	
	(ii) Computer Application	20	
	(iii) Literature Survey	10	

The Practical Examination of two sections (VI(a) & VI(b)) would be held separately in two sessions.

**PAPER - I COGNITIVE PROCESSES** *M. Marks : 70*  
*Time : 3 Hrs*

**UNIT - I**

Cognitive Approach, Attentional and Perceptual Processes:

Origin and current status of cognitive Psychology.

Selective attention and its theories, Divided attention and resource allocation.

Signal detection theory, Subliminal perception Gestalt and information processing approach to Perception, Pattern recognition: Traditional theoretical approaches, object and face recognition.

**UNIT - II**

Memory:

Models: Two system (James), Three system (Atkinson-Shiffrin), Level of processing ( Craik and Lockhart), Working

Memory (Baddeley and Hitch), Monohierarchical (Tulving), PDP (Mc Clelland)

Sensory memory: Iconic and Echonic.

Short term memory: Methodology, Capacity, Coding and Retrieval.

Long terms Memory: Coding, Organization, /Retrieval and Forgetting.

Improving Memory: Mnemonics:

### UNIT - III

Knowledge, Imagery and Cognitive maps:

Semantic Memory: Nature, Methodology structure

Models: Feature comparison and Network models.

Concept formation: Well-defined and ill-defined concepts, Exemplar and prototype models.

Nature and Theoretical basis of images, cognitive maps.

### UNIT - IV

Language comprehension and production:

Spoken language: Perception of speech, Generative grammar, Transformations and deep structure, Comprehension.

Reading: Perception of Language, Word recognition, meaning and inference.

Context and speech acts, Errors in speaking, writing, speaking and writing compared Bilingualism and second language proficiency.

### UNIT - V

Problem solving, Creativity and Reasoning:

Classification of problems, identifying the problem, approaches to problem solving strategies.

Creative problem solving

Propositional, syllogistic and Analogical Reasoning.

Theories of thought processes: Associationism, Gestalt, Information processing.

**NOTE :-**

“Each question paper will have three parts- A,B,C and each course will be divided in five units.

Part - A will include 8 questions of very short answer type i.e. of approximately 30 to 50 words atleast one from each unit covering the entire syllabus. The candidates will be required to answer all the questions and each question will carry two marks ( $8 \times 2 = 16$ )

Part-B will consist of 9 questions of short answer type covering 1 to 1½ page (100 to 150 words approximately) in the manner as prescribed for part ‘A’. The questions of part-A and B will not common and questions will cover the entire syllabi. The candidates will be required to attempt 6 questions and each question will carry four marks. ( $6 \times 4 = 24$ )

Part-C will contain comprehensive (essay type questions) including atleast one question from each unit. The candidates will be required to answer 3 questions and each question will carry ten marks ( $10 \times 3 = 30$ )

**References:**

“Dodd, D.H. and White. R.H. (1980) **Cognition: Mental Structures and Processes**. Boston: Allyn and Bacon.

Eysenck, W.M. and Keane, M.T. (1990). **Cognitive Psychology A Students Handbook**. London: Lawrence Erlbaum.

Galotti, K.M. (1999) **Cognitive Psychology in and outside Laboratory**. Mumbai, Thomson Asia.

Guenther, K.R.(1998). **Human Cognition**. New jersey: Prentice Hall.  
Jahnke J.C and Wowaczyk, RH(1998) **Cognition** New Jersey, Prentice Hall.

Matlin, M.W. (1995) **Cognition**. Bangalore: Prism Book.

Snodgrass, J.E. et. al. (1985) **Human Experimental Psychology**. New York: Oxford University Press.

Solso, K.L. (1995) **Cognitive Psychology**. Boston: Allyn and Bacon.

**UNIT - I****Biological bases of Behaviour:**

Receptors, Effectors and Adjuster Mechanisms. Auditory and Visual Sensory Process.

Neural Impulse: Origin, conduction and measurement. EEG and Evoked Potentials.

Methods of Physiological Psychology; Lesion and Brain Stimulation. Imaging techniques.

Human Nervous System: Structure and Function.

**UNIT - II****Biological Motives & Hormones:**

Ingestive behaviour: Hunger and its neural mechanisms, Drinking and its neural mechanisms.

Sexual behaviour and sexual development.

Endocrine system: Chemical and glandular:

**UNIT - III****Emotionality & Personality:**

Theories: James-Lange, Canon-Board, Schachter and Singer.

Neural Mechanisms of emotion.

Physiological Correlates: Central and Peripheral.

Physiological measures.

Biological basis of Personality and temperamental traits

**UNIT - IV****Learning, Memory and Intelligence:**

Neuro physiology of Learning

Biological Bases of memory: The search for the engram, PET scan and Biochemical factors in memory

Electrophysiological bases of learning

Neuro cognitive evidence of imagery and place learning

Biological Determinants of Intelligence.

**UNIT - V****Sleep, Waking and Attention:**

Physiological mechanisms, stages of sleep, disorders of sleep.

Neurotransmitters and synaptic transmission

Lateralization of functions in cerebral hemispheres

**NOTE :-**

“Each question paper will have three parts- A,B,C and each course will be divided in five units.

Part - A will include 8 questions of very short answer type i.e. of approximately 30 to 50 words atleast one from each unit covering the entire syllabus. The candidates will be required to answer all the questions and each question will carry two marks (8×2= 16)

Part-B will consist of 9 questions of short answer type covering 1 to 1½ page (100 to 150 words approximately) in the manner as prescribed for part ‘A’. The questions of part-A and B will not common and questions will cover the entire syllabi. The candidates will be required to attempt 6 questions and each question will carry four marks. (6×4 = 24)

Part-C will contain comprehensive (essay type questions) including atleast one question from each unit. The candidates will be required to answer 3 questions and each question will carry ten marks (10×3=30)

**References:**

Carlson, N. (1991) **Biology of Behaviour**. Boston: Allyn and Wacon:

Graham, R.B. (1990) **Physiological Psychology**. California: Wadsworth.

Grossman, S.P. (1967) **A Text book of Physiological Psychology**. New York: Siley.

Hoyenga, K.B. and Hoyenga, K.T. (1988) **Psychobiology. The neuron and Behaviour**. California Brooks/Cole.

Kalat, J.N. (2001) **Biological Psychology**. California: Wadsworth.

Levinthal, C.R. (1991) Introduction to Physiological Psychology. New Jersey: Prentice Hall.

Pinel, Johan, P.J. (1990) Biopsychology. Boston: Allyn and Bacon.

Rosenzweig, M.R. and Lieman, A.L. (1989) Physiological Psychology. New York; Random House.

Rosenweig, M.R., Leiman, A.L. and Breed love, S.M. (1999) Biological Psychology: An Introduction to Behavioural, cognitive and Clinical Neuro Science. 2nd edition Massachusetts: Sinauer.

Singh, I.B. (1982) A Text book of Human Neuroanatomy. Delhi: Vikas.

### PAPER - III SOCIAL AND CULTURAL PSYCHOLOGY

*M. Marks : 70*

*Time : 3 Hrs.*

#### UNIT - I

Historical Background, Methods and Social Psychological Theories:

Growth of Social Psychology as a modern discipline; Cross cultural Psychology and its impact;

Search for universals of social behaviour: Gender differences, Emotional Expressions,

Personality traits and Aggression.

Symbolic interactionism, Role theory, Social learning theory, Exchange theory; Current trends in Social Psychology.

#### UNIT - II

Socialization, Culture and Development:

Agents, processes, and characteristics of socialization.

Enculturation and socialization, Cultural and Psychological processes in development; Culture and gender, Cross-cultural research on gender.

#### UNIT - III

The Self and Social Cognition; Ethnocentrism, Stereotypes and Prejudice: Self in physical and cultural context (Western & Eastern Perspectives); Multicultural Identities;

Attribution processes; Biases in attribution.

Ethnocentrism and intergroup attitudes; Stereotypes; Prejudice; Discrimination and 'Isms'.

#### UNIT - IV

Culture, Social Behaviour and Social influence:

Culture and in group/outgroup relationship; Person perception; Attractiveness and intercultural marriages; Pro social Behaviour.

Culture and Conformity; Compliance; Obedience, Cooperation. Anti social behaviour.

#### UNIT - V

Social Problems and Application of Social Psychology:

Poverty and deprivation; Population growth; Modernization.

Applying Social Psychology to Law, Environment and Health

#### **NOTE :-**

"Each question paper will have three parts- A,B,C and each course will be divided in five units.

Part - A will include 8 questions of very short answer type i.e. of approximately 30 to 50 words atleast one from each unit covering the entire syllabus. The candidates will be required to answer all the questions and each question will carry two marks ( $8 \times 2 = 16$ )

Part-B will consist of 9 questions of short answer type covering 1 to 1½ page (100 to 150 words approximately) in the manner as prescribed for part 'A'. The questions of part-A and B will not common and questions will cover the entire syllabi. The candidates will be required to attempt 6 questions and each question will carry four marks. ( $6 \times 4 = 24$ )

Part-C will contain comprehensive (essay type questions) including atleast one question from each unit. The candidates will be required to answer 3 questions and each question will carry ten marks ( $10 \times 3 = 30$ )



**References:**

- Aronson, E., Ellsworth, P., Carlsmith, J.,M., & Gonzales, M.H. (1990). **Methods of Research in Social Psychology**. NY: McGraw Hill.
- Baron, R.A., Byrne, D; Johnson. B.T. (1998) **Exploring Social Psychology** (4th Ed.). London: Allyn & Bacon.
- Berry, J.W., Dasen, P.R. & Saraswathi, T.S. (Eds.) (1997). **Handbook of cross-cultural Psychology**. Vol. 2 Boston: Allyn & Bacon.
- Berry, J.W., Poortinga, Y.H. & Pandey, J. (Eds.) (1997). **Handbook of Cross-cultural Psychology**: Vol. 1. Boston: Allyn & Bacon.
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- Farr, R.M. (1996). **The roots of modern social Psychology**. Oxford: Blackwell.
- Matsumoto, D. (2000) **Culture and Psychology People Around the World** (2<sup>nd</sup> ed.) Belmont/CA Wadsworth London.
- Misra, G. (Ed.). (1990). **Applied Social Psychology in India**. ND: Sage.
- Smith, P.B; Bond, M.H. (1999). **Social Psychology across Culture**. London: Allyn & Bacon.
- Stephon, C.W., Stephon, W.G. (1990). **Two Social Psychologies**. (2nd Ed.), Belmont: Wadsworth.
- Triandis, H. (1995). **Culture and Social Psychology**. NY: McGraw Hill.
- Van De Vijver; F. & Leung, K. (1997). **Methods and data analysis for cross-cultural research**. Thousand Oaks: Sage.
- Worchel, S; Cooper, J., Goethals, G.R.; olson, J.M. (2000). **Social Psychology**. London: Wadsworth.

**PAPER - IV PHILOSOPHY AND THEORIES IN PSYCHOLOGY***M. Marks : 70**Time : 3 Hrs***UNIT - I****Historical origins of Psychology as a science:**

Four paths of scientific Psychology: Physiological Psychology, Psychology of adaptation, Psychoanalysis and Human Science Traditions.

Characteristic features of schools: Structuralism, Functionalism, Behaviourism  
 Meaning of Science: Different views on science, Values and Science, the dominant view of science in mainstream, psychological positivism

Models of Psychological Enquiry.

**UNIT - II****Theories of learning and Approaches to study Motivation:**

Pavlov, Thorndike, Guthrie, Hull, Tolman, Skinner, Dollard & Miller

Expectancy value theory, Achievement view of Atkinson, Humanistic theory of Maslow

**UNIT - III****Theories of Intelligence and Theories of Human Development**

Spearman, Thurston, Guilford, Cattell, Jensen, Stenberg, Goleman.

Erikson's Psychosocial theory, Bandura's Social Cognitive theory, Kohlberg's theory of Moral Development.

**UNIT - IV****Theorization in Personality:**

Psychoanalytic theories: Freud & Jung

Dispositional theories: Allport's Trait approach, Eysenck's Type approach  
 Behavioural & Cognitive strategies: Mischel's cognitive behavioural theory  
 Existential & Humanistic theories: Frankl, Rollo May, Rogers, Maslow.

**UNIT - V****Philosophical Issues in Psychology:**

Mind-body problem, Causality & Expectations, Mechanism and Reductionism, Individualism, Reflexivity, Realism Vs Pragmatism. Indian Perspective on reality, self, Well being, values, morality & Justice.

**NOTE :-**

“Each question paper will have three parts- A,B,C and each course will be divided in five units.

Part - A will include 8 questions of very short answer type i.e. of approximately 30 to 50 words atleast one from each unit covering the entire syllabus. The candidates will be required to answer all the questions and each question will carry two marks (8×2= 16)

Part-B will consist of 9 questions of short answer type covering 1 to 1½ page (100 to 150 words approximately) in the manner as prescribed for part ‘A’. The questions of part-A and B will not common and questions will cover the entire syllabi. The candidates will be required to attempt 6 questions and each question will carry four marks. (6×4 = 24)

Part-C will contain comprehensive (essay type questions) including atleast one question from each unit. The candidates will be required to answer 3 questions and each question will carry ten marks (10×3=30).

**References:-**

Bem, S and De Jong, H.L. (1997) **Theoretical issues in Psychology- An Introduction**. London; Sage.

Carver, C.S. and Scheier, M.F. (1996) **Perspectives on Personality** (3rd ed.). Boston, Allyn and Bacon.

Chaplin, J.P and Krawice, T.S. (1974) **Systems and Theories of Psychology** (3rd ed.). New York: Holt, Rinehart and ulinston.

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## PAPER - V RESEARCH METHODOLOGY

M. Marks : 70

Time : 3 Hrs

### UNIT - I

Experimentation in Psychology and Types of Research :

Purpose, Nature of variables, Research Problems, Hypothesis; control in experiment; Sources of bias, Ethical issues in Psychological research.

Type and methods of Psychological Research; Experimental, Quasi-experimental, Case studies, Cross-cultural studies, Field studies and Expost facto.

### UNIT - II

Data Collection techniques, Sampling and Normal Distribution:

Observation, Interview and Questionnaire methods as tools for data collection.

Probability and Non-Probability sampling techniques.

Normal Probability Curve (NPC); Concepts and characteristic of NPC; Deviation from NPC-Skewness and Kurtosis; Application of NPC; Binominal distribution.

### UNIT - III

Experimental Designs and statistical analysis:

Nature and properties of a good research design.

Between group design: Single factor two groups, single factor multiple groups and Multifactor designs, Nested designs.

Significance of difference between means of Independent and dependent groups.

One way and two-way ANOVA for separate groups.

### UNIT - IV

Experimental Designs and non-parametric statistics:

Within groups designs: Single subject, Single factor two groups, Single factor multiple groups and multifactor designs.

Two or three factors mixed designs with repeated measures on one factor.

Non-Parametric Statistics: Nature and assumptions, Chi-square, Mann-Whitney U-test,

Wilcoxon matched-pairs test, Kruskal Wallis H-test, Friedman two-way ANOVA.

### UNIT - V

Quasi-Experimental design and Correlation methods:

One group designs; Non-equivalent control group design, interrupted time series design,

Multiple time series design.

Correlation methods: Product-Moment, Biserial, tetrachoric, Coefficient of concordance (w),

Partial Correlation (first order), Multiple Correlation (three variable problem), Simple regression (bi-variate), Multiple regression (Linear, Stepwise).

**NOTE :-**

“Each question paper will have three parts- A,B,C and each course will be divided in five units.

Part - A will include 8 questions of very short answer type i.e. of approximately 30 to 50 words atleast one from each unit covering the entire syllabus. The candidates will be required to answer all the questions and each question will carry two marks ( $8 \times 2 = 16$ )

Part-B will consist of 9 questions of short answer type covering 1 to 1½ page (100 to 150 words approximately) in the manner as prescribed for part 'A'. The questions of part-A and B will not common and questions will cover the entire syllabi. The candidates will be required to attempt 6 questions and each question will carry four marks. ( $6 \times 4 = 24$ )

Part-C will contain comprehensive (essay type questions) including atleast one question from each unit. The candidates will be required to answer 3 questions and each question will carry ten marks ( $10 \times 3 = 30$ )

**References:-**

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**Paper-VI (A&B)**

**PRACTICALS**

*M. Marks : 150*

Note:- Examination for the two sections would be held separately.

**Paper - VI      Section - A**

**M.Marks : 90**

**Time : 4 hrs**

Note:- Each student would conduct and report 5 experiments/measurements/observation from each section. During the examination, each student would conduct two experiment/measurements. (One each from section i and ii)

A (i)                      Cognitive Processes.

1. Selective Attention
2. Pattern Recognition/Picture Perception.
3. Depth of encoding and retrieval facilitation.
4. Organizational process in LTM.
5. Problem solving: Study of process and strategies
6. Context and comprehension
7. Reconstructive/constructive memory.
8. Sign learning/ Maze learning/Cognitive learning/Latent learning in Rats.
9. Discrimination learning in Rats.
10. Pattern recognition in Rats.

Evaluation: Reports, conduct of experiment and viva.

**A (i) Bio Psychology**

1. Pulse rate of subject under varying Psychological/Physical conditions.
2. Studying skin conductance level and conductance response in relation to arousal.
3. Comparison of Electromyographic output in varied psychomotor states.
4. Comparison of Temperature fluctuations in varied psychomotor states.
5. Critical flicker fusion in relation to varying sensory conditions.
6. Monitoring blood pressure changes under mental load/physical load.
7. Comparison of changes in nature of respiration under varying psychomotor states.
8. Administration of a battery of Hand Proficiency - Handedness.
9. General drive and behaviour in Rats.
10. Estrus Cycle.
11. Biochemical/Physiological basis of memory.

Evaluation: Report, conduct of experiment/measurement and viva.

**A (ii) Social and Cultural**

1. Sociometric Analyses (On a group of minimum 10 members)
2. Conformity
3. Effect of Social stimulation on the performance of psychomotor or cognitive tasks.
4. Personal/Social space.
5. Non participative/obstructive observation of social interaction-play behaviour/coffee house behaviour.
6. Attitude survey on student population on burning social issues.
7. Sex/social class stereotypes.
8. Social stimulation & Behavioural (amongst rats.)

Evaluation: Report and Viva.



