# M&STER OF &RTS PSYCHOLOGY

## MASTER OF ARTS In PSYCHOLOGY

## (Credit wise Structure of the Course)

The Purpose of this course is to develop an understanding of the growing discipline of Psychology, to give students theoretical as well as practical knowledge of the subject, to prepare them for various competitive exams, increasing their confidence, developing skills and to facilitate self-discovery in them etc.

The course is divided into 04 semesters. The Credits are divided as follows:-

<u>Semester I (M</u>	<u>lax hour: 45 per paper)</u>			
PSYM-C101	Experimental Psychology	04 credits		
PSYM-C102	Fundamental Physiological Psychology	04 credits		
PSYM-C103	Applied Psychology	04 credits		
PSYM-C104	Systems of Psychology	04 credits		
PSYM-C105	Practical	04 credits		
	<u>Total</u>	20 credits		
<u>Semester II (N</u>	Max hour: 45 per paper)			
PSYM-C201	Cognitive Psychology	04 credits		
PSYM-C202	Neurophysiological Bases of Behaviour	04 credits		
PSYM-C203	Research Methodology	04 credits		
PSYM-C204	Statistics in Psychology	04 credits		
PSYM-C205	Practical	04 credits		
	Total	20 credits		
	<u>Semester III (Max hour: 45per paper)</u>			
Group 'A'- Co	ompulsory			
• PSYM-	C301 Psychological Assessment	04 credits		
• PSYM-	C302 Health Psychology	04 credits		
• PSYM-	C303 Practical	04 credits		
Group'B' - Op	otional			
• PSYM-	O304 Psychopathology	04 credits		
• PSYM-	O305 Clinical Psychology	04 credits		
Group'C'- Op	tional			
• PSYM-	O304 Guidance and Counselling	04credits		
• PSYM-	O305 Educational Psychology-I	04credits		
	_Total	20 credits		
Semester IV (Max hour: 45 per paper)				
Group 'A'- Co				
• PSYM-	C401 Psychology of Personality	04 credits		
• PSYM-	C402 Disability and Rehabilitation Psychology	04 credits		
• PSYM-		04 credits		

## Semester I (Max hour: 45 per paper)

## Group'B' - Optional

	Т	otal	20 credits
• PSYM	-O405 Edu	cational Psychology-II	04 credits
• PSYM	-O404 Gui	dance and Counselling-II	04 credits
Group'C' –	Optional		
• PSYM	-O405 Psy	chotherapy	04 credits
• PSYM	-O404 Intr	oduction to Psychiatric disorders	04 credits

## **MA** Total Credits = 80

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## JAGADGURU RAMBHDARACHARYA HANDICAPPED UNIVERSIITY, CHITRAKOOT, (U.P.) M.A. (PREVIOUS) PSYCHOLOGY Implemented from 2016-19 Onwards

## I<sup>ST</sup> SEMESTER

Maximum Marks

Paper I:	Experimental Psychology	PSYM-C101	100
Paper II:	Fundamental Physiological Psychology	PSYM-C102	100
Paper III:	Applied Psychology	PSYM-C103	100
Paper IV:	Systems of Psychology	PSYM-C104	100
Paper V:	Practical	PSYM-C105	100

## II<sup>ND</sup> SEMESTER

Paper I:	Cognitive Psychology	PSYM-C201	100
PaperII:	Neurophysiological Bases of Behaviour	PSYM-C202	100
Paper III:	Research Methods in Psychology	PSYM-C203	100
Paper IV:	Statistics in Psychology	PSYM-C204	100
Paper V:	Practical	PSYM-C205	100

## M.A. (FINAL) PSYCHOLOGY Implemented from 2016-19 Onwards

**Note**: For III<sup>rd</sup> and IV<sup>th</sup> semester group 'A' is compulsory for all students. They have to opt anyone group from optional Group 'B' or 'C'.

## III<sup>RD</sup> SEMESTER

Group 'A' (Compulsory)					
Paper I:	Psychological Assessment	PSYM-C301	100		
PaperII:	Health Psychology	PSYM-C302	100		
Paper III:	Practical	PSYM-C303	100		
Group 'B' (	Group 'B' (Optional)				
Paper IV:	Psychopathology	PSYM-O304	100		
Paper V:	Clinical Psychology	PSYM-O305	100		
Group 'C' (Optional)					
Paper IV:	Guidance and Counseling-I	PSYM-O304	100		
Paper V:	Educational Psychology-I	PSYM-O305	100		

## IV<sup>TH</sup> SEMESTER

## Group 'A' (Compulsory)

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Paper I:	Theories of Personality	PSYM-C401	100
Paper II:	Disability and Rehabilitation Psychology	PSYM-C402	100
Paper III:	Project Formulation/Planning or Dissertation	PSYM-C403	100
Group 'B' (	Optional)		
Paper IV:	Introduction to Psychiatric Disorders	PSYMO404	100
Paper V:	Psychotherapy	PSYM-O405	100
Group 'C' (	Optional)		
Paper IV:	Guidance and Counseling -II	PSYM-O404	100
Paper V:	Educational Psychology-II	PSYM-O405	100

## \* Project Formulation or Project Planning or Dissertation

## Marks Division

Thesis/Written	Viva	Total
50 Marks	50 Marks	100 Marks
(Internal Supervisor)	(External Examiner)	

#### JAGADGURU RAMBHDARACHARYA HANDICAPPED UNIVERSIITY, CHITRAKOOT, (U.P.) Department of Psychology

#### Syllabus *For* M.A. (PREVIOUS) PSYCHOLOGY

## I<sup>ST</sup> SEMESTER

#### **Implemented from 2016 Onwards**

		Maximum Mark	
Paper I:	Experimental Psychology	(PSYM-C101)	100
Paper II:	Fundamental Physiological Psychology	(PSYM-C102)	100
Paper III:	Applied Psychology	(PSYM-C103)	100
Paper IV:	Systems of Psychology	(PSYM-C104)	100
Paper V:	Practical	(PSYM-C105)	100

Note: Students offering M.A. psychology must obtain 45% marks both in theory and practical separately to be declared successful.

Question Pattern: Theoretical Paper Hours				Allotted Time 02:30
<b>Objective Type</b> (Including MCQ, Fill in the blank,	-06 questions			(06 × 02 = 12 marks)
True false and pair matching)				
Short Answer Type -	4 questions (in	1 about	t 250 words)	$(04 \times 12 = 48 \text{ marks})$
Long Answer Type - Practical Examination	2 questions (in	n abou	,	(02 × 20 = 40 marks) ed Time 04:00 Hours
				cu 11111c 04.00 110urs
<b>Record Book</b>		-	30 marks	
Practical Performan	ce	-	20 marks	
Viva-voca		-	40 marks	
Behaviour and Attend	ence	-	10marks	
Total		-	100 marks	

## M.A. PSYCHOLOGY I<sup>ST</sup> SEMESTER PSYM-C101

#### **Paper-I: Experimental Psychology**

Unit I: Introduction:-

- ➢ Nature of Experimental Psychology,
- > Approaches of Experimental Psychology
- Variables: Concepts and Classification.
- Unit II: Reaction Time:-
  - Meaning and types of Reaction Time
  - Physiological aspects of Reaction Time.
  - ➢ Factors affecting Reaction Time
- Unit III: Verbal Learning:-
  - $\succ$  Methods and materials,
  - Organizational Process
  - Neurophysiology of Learning.
- Unit IV: Emotional Behavior and Emotional Intelligence
  - > Physiological correlates of emotion,
    - ➤ Theories of Emotion
      - a) James Lange,
      - b) Cannon-Bard,
      - c) Activation Theory,
      - d) Cognitive Theory (brief knowledge).
    - Emotional Intelligence concept and importance
    - $\triangleright$  Concept of E.Q.
- Unit V: Motivation:-
  - $\blacktriangleright$  A Basic concepts,
  - Approaches to the study of motivation
    - a) Psychoanalytical,
    - b) Ethological,
    - c) S.R.,
    - d) Cognitive
    - e) Humanistic.

#### **Books:**

- 1. Candland, D. K. (1978): 'Psychology: The Experimental Approach', McGraw Hill Book Co., New York.
- 2. D' Amato, M. R. (1979) 'Experimental Psychology', Tokyo, New York, McGraw Hill Co., Inc.
- 3. Hillgard E.R. (1974): Theories of Learning & Instruction, New York, Appleton-Century Crafts.
- 4. Snodgrass, J. G.et. Al. (1985).' Human Experimental Psychology', Oxford University Press, New York.
- 5. Srivastava, D. N. & Verma, P. (2010) 'Modern Experimental Psychology' Agarwal Pub., Agra.
- 6. Stevens, S. S. (1951) 'A Handbook of Experimental Psychology, John Willey & Sons, New York.
- 7. Tripathi Lal Bachan Modern Experimental Psychology.
- 8. Woodworth, R.S. & Schlosberg.(1984) : Experimental Psychology', Methuen &Co.Ltd.,London.

## M.A. PSYCHOLOGY I<sup>ST</sup> SEMESTER PSYM-C102

## Paper II: Fundamental Physiological Psychology

Unit I: Organization and functions of Central nervous System:-

- Structure and function of Spinal Cord
- Brain : Hind Brain, Mid Brain and Fore Brain
- ➢ Hemispheric dominance

Unit II: Neural Conduction and Transmission:-

- Structure of a Neuron
- Action potential, Resting potential, and Evoked potential
- Synaptic transmission and Neurotransmitters

Unit III: Investigation Methods in Neurophysiology:-

- Anatomical method
- Radiological method
- Electrical Stimulation and Recording methods

Unit IV: Hormones and the brain:-

- Endocrine glands
- Classification of hormones
- Similarities and difference in hormonal and neural communication
- Impact of hormones upon behavior

Unit V: Peripheral Nervous System:-

- Somatic Nervous System and its functions
- Structure and function of Autonomic Nervous System

#### **Books Recommended:-**

- 1. Broadal P. (1992). The Central Nervous System: Structure and function. New York: Oxford University Press.
- 2. Carlson N. R. (2000). Physiology of Behavior. Boston: Allyn & Bacon.
- 3. Pinel J.P. John (2007). Bio Psychology (6<sup>th</sup> Edition) New Delhi: Pearson Education Inc.
- 4. Singh A. K. (2011). Fundamentals of Neuropsychology. Motilal Banarasi Das.
- 5. Tiwaree B.D. & Tripathi A. N (2009). Physiological Psychology. Motilal Banarasi Das.
- 6. Guyton A.C. (2000). Textbook of Medical Physiology. Philadelphia: W.B. Sauders.

#### M.A. PSYCHOLOGY I<sup>ST</sup> SEMESTER PSYM-C103 Paper III: Applied Psychology

#### Unit I: Introduction:-

- Meaning of Applied Psychology
- Current status of Applied Psychology
- Areas of Applied Psychology

#### Unit II:

- Definition of Guidance and Counseling
- ➢ Types of Guidance
- Personal, Education, and Vocational Guidance

#### Unit III :

- > Meaning & nature of mental health and Well-being
- ➢ Factors influencing mental health
- Types of mental diseases

#### Unit IV:

- Psychological aspects of corruption
- Psychology of terrorism
- Role of psychology in media
- Psychological disorders due to war

#### Unit V:

- Engineering psychology : definition, principles of Time & Motion study
- Important facts related with Engineering psychology
- Consumer decision making and rights of consumer

#### **Books Recommended:-**

- 1. Blum ML and Naylor JC (1984- Revised Edition). Industrial Psychology its Theoretical and Social Foundation : New York, Harper & Raw.
- 2. Gibson RL (1998), Introduction to Counselling and Guidance, (5<sup>th</sup> Ed.). NJ: Prentice Hall.
- 3. Gragory WL & Burroughs WJ. Introduction to Applied Psychology, Illinois Scott, Foresman & Co.
- Anastasi, Annew. Fields of Applied Psychology, International Student edition (2<sup>nd</sup> Ed.), Tokyo, McGraw Hillll, Kogndhusa,
- 5. Rastogi Ghanshyam Das (1992). Aadhunik Vyavharik Manovigyan, Harprasad Bhargava, Agra.
- 6. Singh Rampal (2009). Modern Applied Psychology. Agrawal Publications, Agra-2.
- 7. Mayers GE. Principles and Techniques of Vocational Guidance, McGraw Hill, New York.
- 8. APresricha (1996). Guidance and Counselling in Indian Educaiton, New Delhi, N.C.E.R.T.,
- 9. Pareek U. and Raw TV (1981) Behavioural process in Organization. New Delhi, IBN and Oxford.
- Yadav Virendra Sing (2011). Bhrshatchar ka Manovigyan. Pacific Publication, Delhi-94.

#### M.A. PSYCHOLOGY I<sup>ST</sup> SEMESTER PSYM-C104 Paper IV : Systems of Psychology

Unit I: Foundation of Experimental Psychology:-

- Wundt's contribution
- Ebbinghaus's contribution
- James's contribution

Unit II: Schools of Psychology:-

- Structuralism : Definition & Nature, Main concepts or Tichener's thoughts
- > Functionalism: Definition & Nature, Contribution Dewey, Angell & Carr's.
- > Behaviourism : Watson's viewpoints & concepts, Critical evaluation in brief
- Gestalt : Outlines of Gestalt psychology

Unit III: Psychoanalytic School:-

- Freud's contribution
- Adler's contribution
- Young' contribution

Unit IV: Introduction to Neo-Freudians:-

- Errick Fromm
- Harry Stack Sulivan
- ➢ Keren Horney

Unit V: Psychology in India:-

- The psychology of the Yoga :
  - a) Dharamkirti
  - b) Patanjali

#### **Books Recommended:-**

- 1. Boring : History of Experimental Psychology
- 2. Kuppuswami : Elements of Ancient Indian Psychology, New Delhi, Vikas.
- 3. Murphy: Historical Introduction to Psychology.
- 4. Marks & Hillix : Theory & Systems of psychology
- 5. Woodworth : Contemporary Schools of Psychology
- 6. Walman : Contemporary Theory & Systems of Psychology
- 7. Sinha D. : Psychology in Third World Country : The Indian Experiences.
- 8. ओझा आर. के : मनोविज्ञान के सिद्धान्त एवं सम्प्रदाय

#### M.A. PSYCHOLOGY I<sup>ST</sup> SEMESTER PSYM-C105 Paper V : PRACTICAL

## PaperV:PracticalInstruction: Students have to conduct any four experiments or test out of ten.

- 1. Reaction time (RT) : Simple RT, Complex RT
- 2. Bhatia Battery Performance Test of Intelligence
- 3. Depression Scale
- 4. Job Satisfaction Scale
- 5. Judging Emotions by Photographs
- 6. Motivation Analysis Test
- 7. Retroactive & Proactive Inhibition
- 8. Short Term Memory/Long Term memory
- 9. Emotional Intelligence Test
- 10. Scientific Aptitude Test for College students

## JAGADGURU RAMBHDARACHARYA HANDICAPPED UNIVERSIITY, CHITRAKOOT, (U.P.) Department of Psychology

## Syllabus *For* M.A. (PREVIOUS) PSYCHOLOGY

## II<sup>nd</sup> SEMESTER

## **Implemented from 2016 Onwards**

#### Maximum Marks

Paper I <sup>:</sup>	Cognitive Psychology	(PSYM-C201)	100
Paper II:	Neurophysiological Basis of Behaviour	(PSYM-C202)	100
Paper III:	<b>Research Methods in Psychology</b>	(PSYM-C203)	100
Paper IV:	Statistics in Psychology	(PSYM-C204)	100
Paper V:	Practical	(PSYM-C205)	100

Note: Students offering M.A. psychology must obtain 45% marks both in theory and practical separately to be declared successful.

Question Pattern: Theor	etical Paper		Allotted Tir	ne 02:30 Hours
<b>Objective Type</b> (Including MCQ, Fill in the blank, True false and pair matching)	- 06 question	IS		(06 × 02 = 12 marks)
Short Answer Type -	4 questions (	in abou	ıt 250 words)	(04 × 12 = 48 marks)
Long Answer Type -	2 questions (	in abou	ıt 500 words)	$(02 \times 20 = 40 \text{ marks})$
<b>Practical Examination</b>			Allot	ted Time 04:00 Hours
<b>Record Book</b>		-	30 marks	
Practical Performan	nce	-	20 marks	
Viva-voca		-	40 marks	
Behaviour and Attend	lence	-	10marks	
Total		-	100 marks	

#### M.A. PSYCHOLOGY

## IInd SEMESTER PSYM-C201

#### **Paper I: Cognitive Psychology**

Unit I: Introduction:-

- > Definition and Scope or Domain of Cognitive Psychology,
- Methods of Cognitive Psychology-
- $\checkmark$  Experimental method
- $\checkmark$  Computer based method

#### Unit II: Perceptual Process:-

- Perception of Form, Depth, Time, Movement,
- ➢ Figural after effect,
- Perceptual Constancy.

Unit III: Conditioning:-

- Classical & Instrumental,
- > Difference between Classical and Instrumental Conditioning,
- Conditioned Response- acquisition and extinction

#### Unit IV: Learning:-

- Avoidance Learning and its theories.
- Learned Helplessness,
- Discrimination Learning Continuity vs. Non Continuity Controversy.

Unit V: Memory and Thinking:-

- Memory and Forgetting- STM, LTM, Measurement,
- > Theories of Forgetting
- > Thinking: Definition, studies on thinking in animal & human being,
- Problem Solving- nature & characteristics,
- > Gestalt and Behaviouristic approaches of Problem Solving.

#### Books:

- 1. Galotti,K.M. (1999). *Cognitive Psychology in and outside laboratory*. Mumbai: Thomson Asia.
- 2. Matlin, Margaret W. (1995). *Cognition (IIIrd.)*. Prism Books Pvt. Ltd., Bull Temple Road, Basavasigudi, Bangalore- 560019.
- 3. Reed, Stephen K. (1988). *Cognition: Theory and application (IIIed.)*. Pacific Grove, California: Brooks/Cole Publishing Company.
- 4. Hewes, Mary B. (1990). *The Psychology of Human Cognition*. New York: Pergamon Press.
- 5. Singh, A.K. (2008) Cognitive Psychology. Motilal Banarasidas. Delhi.

#### Paper II: Neuropsysiological Basis of Behaviour

Unit I: Neurophysiological Bases of Perception:-

- Visual Perception
- Auditory Perception
- Touch and other Skin Perception
- Chemical Senses

Unit II: Neurophysiological Bases of Emotion and Motivation:-

- Brain and Hormonal factors of emotion
- Neurophysiological basis of Hunger, Thrust and Sex

Unit III: Neurophysiological Bases of Consciousness, Memory & Learning:-

- Neurophysiological basis of Sleep and Waking, Electrical Activities and Stages of Sleep
- Neurobiological basis of STM and LTM
- Neurophysiological based studies of Learning: Anatomical, Electrical and Chemical techniques.

Unit IV: Neuropsychological Assessment:-

- Meaning, Purpose and Applications of Neuropsychological Assessment
- Neuropsychological Assessment of Attention & Concentration, Memory and Executive Function
- Halstead-Reitan Neuropsychological Test Battery

Unit V: Neurological Disorders and Lobular Syndrome:-

- Neurological Disorders : Brain Tumor, Seizure, Cerebrovascular Disorder, Degenerative Disorders
- Frontal and Temporal Lobe Syndrome

#### **Books Recommended:**

- 1. Carlson NR (2000). Physiology of Behavior. Boston: Allyn & Bacon.
- 2. Bloom FL & Lazeron A (1996). Brain Mind and Behavior: New York: Freeman & Co.
- 3. Pinel PJ (2000). Biopsychology. Boston: Allyn & Bacon.
- 4. Zaidal DW (1994). Neuropsychology, New York, Academic Press.
- 5. Singh AK (2011). Fundamentals of Neuropsychology. Motilal Banarasi Das.
- 6. Tiwaree BD & Tripathi AN (2009). Physiological Psychology. Motilal Banarasi Das.

## **Paper III: Research Methods in Psychology**

Unit I: Introduction:-

- > Meaning , characteristics and importance of Research
- > Objectives, Types and Approaches of research
- Criteria of good research

Unit II: Research Techniques, Methodology and Psychological variable:-

- Difference between research methods and methodology
- Steps in scientific research
- Meaning and types of variables

#### Unit III: Research problem and Hypothesis:-

- Definition of research problem
- Locating research problem
- Nature and types of a scientific hypothesis
- Difference between problem and hypothesis

Unit IV: Sample and sampling:-

- Meaning of population, sample and sampling
- > Types of probability and non-probability sampling :-
  - ✓ Random sampling
  - ✓ Stratified sampling
  - ✓ Cluster sampling
  - ✓ Purposive sampling
  - ✓ Quota sampling
- ➢ Sampling error
- Unit V: Research design:-
  - Meaning and significance of research design
  - Types of research design
    - ✓ Before-After design
    - ✓ Completely randomized design
    - ✓ Factorial design
  - Basic principles of experimental design

#### Books:

- 1. Kothari CR Research Methodology: Methods & techniques (2002); Wishwa Prakashan, New Delhi.
- 2. Singh AK Tests, Measurements and Research methods in Behavioural sciences; Bharati Bhawan, Patna.
- 3. Gopalji Prasad Research Methodology in Behavioural sciences; Bharati Bhawan, Patna.
- 4. मो0 सुलेमान व्यावहारिक विज्ञानों में शोध प्रणाली विज्ञान : शुक्ला बूक डिपो, पटना।
- 5. Edwards, A.L.- Experimental Design in Psychological Research.
- 6. Ferguson, G.A.- Statistical Analysis in Psychology and Education. McGraw Hill, KoyaKusha.

## **Paper IV: Statistics in Psychology**

Unit I: Normal Distribution:-

- Principles of Probability
- Normal Probability curve and its applications
- Deviations from normality Skewness & Kurtosis
- Normalizing a distribution of scores

Unit II: Advance Correlation Methods and Regression:-

- Co-efficient of correlation Meaning and Magnitude
- > Product moment correlation from a bivariate frequency distribution or scatter diagram
- > Bi-serial, Point bi-serial, Tetrachoric correlation and contingency coefficient
- Regression line
- Regression equation in deviated scores & standard scores
- ▶ Regression equation prediction its advantage and limitation

Unit III: Statistical Inferences:-

- > Computation and interpretation of t-value for independent and dependent samples
- Alpha ( $\alpha$ ) and Beta ( $\beta$ ) error
- Purpose and assumptions of Analysis of Variance (ANOVA)
- One-way and two-way analysis of variance

Unit IV: Non-Parametric Statistics and Chi-Square

- Nature of parametric statistics and Non-parametric statistics
- > Chi-square test Hypothesis of normal and independent distribution
- Mann Whitney U test
- > Median test for one sample, two samples and several samples

Unit V: Computerized Analysis Procedure in Statistics:-

- Introduction to common software packages for statistics
- Procedure of data entry and data analysis in SPSS

#### **Books Recommended:**

- 1. Garrett, H.E. Statistics in psychology and education
- 2. Guilford, J.P. Fundamentals of statistics in psychology and education, McGraw Hill, N.Y.
- 3. एच०के० कपिल सांख्यिकी के मूल तत्त्व (सामाजिक विज्ञानों में)
- 4. Siegel, S (1994) Non parametric statistics. New York: McGraw Hill.
- 5. Minium, E.W., King, B.M., & Bear, G, (1993). Statistical reasoning in psychology and Education, New York: John Wiley.
- 6. Statistical Package for Social Sciences Ver. 17.

## **Paper V: Practical**

## Instruction: Students have to conduct any four experiments / test out of ten.

- 1. Group test of Intelligence
- 2. Non-Verbal Group test of Intelligence
- 3. Multidimensional Parenting Style
- 4. PGI Memory Scale
- 5. Emotional Intelligence/Quotient
- 6. Problem Solving Concept formation Halfman & Kaisenien
- 7. Verbal Test of Creative Thinking Baqur Mehandi
- 8. Family Pathology Scale
- 9. Fear Checklist
- 10. Anorexia Test

## JAGADGURU RAMBHDARACHARYA HANDICAPPED UNIVERSIITY, CHITRAKOOT, (U.P.) Department of Psychology Syllabus *For* M.A. (FINAL) PSYCHOLOGY III<sup>RD</sup> SEMESTER

## **Implemented from 2016 Onwards**

**Note**: For III<sup>rd</sup> and IV<sup>th</sup> semester group 'A' is compulsory for all students. They have to opt any one group from optional. Students achieving 60% or more in MA (Previous) may choose dissertation in lieu of one optional paper in IV<sup>th</sup> semester.

#### Maximum Marks

Group 'A'	(Compulsory)		
Paper I :	<b>Psychological Assessment</b>	(PSYM-C301)	100
Paper II:	Health Psychology	(PSYM-C302)	100
Paper III:	Practical	(PSYM-C303)	100
Group 'B'	(Optional)		
Paper IV:	Psychopathology	(PSYM-O304)	100
Paper V:	Clinical Psychology	(PSYM-O305)	100
Group 'C'	(Optional)		
Paper IV:	<b>Guidance and Counseling – I</b>	(PSYM-O304)	100
Paper V:	Educational Psychology – I	(PSYM-O305)	100

Note: Students offering M.A. psychology must obtain 45% marks both in theory and practical separately to be declared successful.

Question Pattern: Theoretical Paper		Allot	Allotted Time 02:30 Hours	
<b>Objective Type</b> (Including MCQ, Fill in the blank,	IS		(06 × 02 = 12 marks)	
True false and pair matching)				
Short Answer Type - 4 que	stions (	in about 250 words)	(04 × 12 = 48 marks)	
Long Answer Type - 2 que	stions (	in about 500 words)	$(02 \times 20 = 40 \text{ marks})$	
Practical Examination		Allotted Time 04:	00 Hours	
<b>Record Book</b>	-	30 marks		
Practical Performance	-	20 marks		
Viva-voca	-	40 marks		
<b>Behaviour and Attendence</b>	-	10marks		
Total	-	100 marks		

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-C301 Group 'A' (Compulsory) Paper I: Psychological Assessment

Unit I: Human assessment:

- A. Parameters of assessment- Psychological Scaling: meaning & importance,
- B. Levels or scales of Psychological measurement.
- C. Quantitative and qualitative measurement.

Unit II: The concept of Psychological Test:

- A. Meaning, characteristics and types of Psychological Tests.
- B. Difference between test and measurement, difference between test and experiment.
- C. Purpose and current uses of Psychological tests.

Unit III: Psychometric properties of a good Psychological test-

- 1. Practical criteria
- 2. Technical criteria
  - (a) Reliability
  - (b) Validity
  - (c) Standardization and Norms
  - (d) Objectivity
  - (e) Discrimination

Unit IV: Steps in the constructing Psychological Tests:

- (a) Planning the test
- (b) Item selection and item analysis
- (c) Pilot study of the test
- (d) Evaluating the test
- (e) Standardization of the test

Unit V: Testing in Progression-

- A. Behavioural Assessment, Career Assessment.
- B. Role of computers in Psychological Assessment.
- 3. Socio-cultural factors in Psychological assessment.

#### **READINGS :-**

- 1. Anastasi, A. (1988) 'Psychological Testing' (5<sup>th</sup> ed.), New York: McMillan.
- 2. Asthana & Asthana (2008) 'Manovigyan aur Shiksha mein Mapan evam mulyankan.'Agarwal Pub., Agra.
- 3. Bhargava M. (2010) 'Adhunik Manovaigyanic Mapan evam Parikshan.'H.P.Bhargava Book house, Agra.
- 4. Ciminero, A, R. (Eds.) (1986) : 'Handbook of Behavioural Assement'-New York, John Wiley.
- 5. Cronback, L. J. (1970) 'Essentials of Psychological Testing'. New York: Harper & Row.
- 6. Freeman, F.S. (1986) 'Theory and Practice of Psychological Testing'. New Delhi: Oxford & IBH Publishing.
- 7. Guilford J.P. (1954), Psychometric Methods. New Delhi: Tata Mc Graw Publishing Co., Ltd.
- 8. Srivastava, D.N. (2010) 'Manovaigyanic Nirdharan', Agarwal Pub., Agra.

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-C302 Group 'A' (Compulsory) Paper II: Health Psychology

Unit I: Introduction:-

- Health, Illness: Present and past
- Historical perspective of health psychology
- Approaches on health and illness
- Seeing a need of health psychology today

Unit II: The body's physical system and related disorders:-

- > The cardiovascular system
- ➢ The immunity system
- > The digestive and renal system

Unit III: Stress effects and its management:-

- Behaviour patterns and stress
- Consequences of stress
- > The management of stress

Unit IV: Reducing substance use and abuse:-

- Substance, drug and alcohol abuse, smoking
- Effect on health of substance abuse
- > Treating and preventing substance use, drug and alcohol abuse, smoking
- Unit V: Health related behavior and health promotion:-
  - Health and behaviour
  - Determinants of health related behaviour
  - Programmes for health promotion

#### Books:

- 1. Taylor, SE: Health Psyhcology (1995), Third Edn. McGraw Hill, New Delhi
- Sarafino, EP: Health Psychology- Biopsychosocial Interaction (2002), 4<sup>th</sup> Edn. John Wiley & sons, Inc. New York
- 3. Banyard, P: Psychology in Practice Health (2002), Hodder & Stoughton, London
- 4. Ogden, J: Health Psychology A Textbook (2004), Third Edn. McGraw Hill, England

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-C303 Group 'A' (Compulsory) Paper III: Practical

#### Instruction: Students have to conduct any four experiments or test out of ten.

- 1. Vocational Interest Record
- 2. Differential Aptitude Test
- 3. Psychological Counselling Need Scale
- 4. Case study Technique/ Measure Physical fatigue
- 5. The Occupational Stress Index
- 6. Academic Anxiety Scale/ Test of Study Habits and Attitudes
- 7. Spiritual Intelligence 'Culture Fare'
- 8. Mental Health Battery
- 9. Teaching Aptitude Test
- 10. Long Employee Attitude Scale

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-O304 Group 'B' (Optional) Paper IV: Psychopathology

Unit I: Understanding psychopathology and its classification:-

- Meaning and types of psychopathology
- Terms and concepts used in descriptive psychopathology
- Diagnostic classification system DSM-IV and ICD-10

Unit II: Descriptions of symptoms and sign – I:-

- Disturbances of emotion and mood
- Disturbances of perception Perceptual distortion, deception and its types
- Disturbances of thought, delusion and its types
- Disturbances in thinking process

Unit III: Descriptions of symptoms and sign - II:-

- > Disturbances of memory, consciousness, attention-concentration and insight
- Disturbances in self and body image
- Disturbances in motor function
- Depersonalization and derealization

Unit IV: Approaches to the psychopathology – I:-

Biological approach-

- a) Early and Modern biological viewpoint
- Psychodynamic approach
  - a) Classical psychoanalytical theory
  - b) Newer psychodynamic perspective

Unit V: Approaches to the psychopathology – II:-

- Behaviouristic approach
- Cognitive approach
- Socio-cultural approach

#### Books:

- 1. Singh, AK : Advanced Abnormal Psychology (2011), Motilal Banarasidas, New Delhi
- 2. Gelder, M;Harrison,P and Cowen,P : Shorter Oxford Textbook of Psychiatry (2009), Oxford Univ. Press, N.Delhi
- 3.Taylor, MA and Vaidya, NA: Descriptive psychopathology The sign and symptoms of behavioral disorders (2009), Cambridge University Press, New York.
- 4. Lamm, A: Introduction to psychopathology (1997), Sage, New York.

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-O305 Group 'B' (Optional) Paper V: Clinical Psychology

Unit I: Introduction:-

- > A brief history of clinical psychology including in India
- Scope and function of clinical psychology
- Problems and future of clinical psychology
- > Training and role of clinical psychologists

Unit II: Theoretical foundation and Professional issues:-

Important models of clinical psychology

- a) Psychodynamic model, b) Behavioral model, c) Phenomenological model
- d) Interpersonal model
- Professional regulation and ethics

Unit III: Clinical Assessment:-

- Meaning and nature, purposes of clinical assessment
- Clinical relationship
- Components and stages of clinical assessment
- Initial and follow-up assessment

Unit IV: Diagnostic Techniques - I:-

- Clinical interview, behavioral assessment, rating scale
- > Case study, mental status examination, min mental status examination
- ➤ Intelligence test Stanford Binet, WAIS R, Interpretation of IQ score

Unit V: Diagnostic Techniques – II:-

- Personality testing
  - a) Self report techniques

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- b) Projective techniques RT, TAT, SCT.
- c) Neuropsychological testing Application and categories of neurological assessment

#### Books:

- 1. Singh, AK : Advanced Clinical Psychology (2011), Motilal Banarasidas, New Delhi
- 2. Gelder, M; Harrison,P and Cowen,P: Shorter Oxford Textbook of Psychiatry (2009),Oxford Univ.Press, New Delhi
- 3. SNietzel, mT; Bernstein, DA and Milch, R: Introduction to Clinical Psychology (1994), Prentice-Hall Inc.
- 4. Cullari, S : Foundations of Clinical psychology (1998), Allyn & Bacon, Boston
- 5. Kaplan, HI and Sadock, BJ: Comprehensive Textbook of Psychiatry, Williams & Willkins, Baltimors.

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-O304 Group 'C' (Optional) Paper IV: Guidance and Counselling-I

Unit I: Introduction:-

- > Nature of Guidance and counseling, difference between Guidance and counselling
- > Development of Counseling Psychology in India
- Scope of Counselling Psychology

#### Unit II:

- ➢ Goals and principles of Guidance
- ➢ Goals, objectives and functions of Counselling.

#### Unit III: Counsellor

- Role, responsibilities, and ethics
- Education and professional training of the counseller

#### Unit IV: Counselling process

- Preparation, establishing rapport
- Counselling relationship and skills-empathy- Trust, Interview and case study

#### Unit V: Techniques: Group Guidance -

- ▶ Role play, Intellectual and non-intellectual,
- Socio-drama & psycho-drama.
- ➢ Career-conference
- School activity programmes
- sensitivity training

#### **Readings:**

- 1. Belkin, G.S. (1988) Introduction to Counselling, W.G.: Brown Publishers
- 2. Crow, L.D. & Crow A. (1960) *An Introduction to Guidance*-New Delhi: Eurasia Publicity House.
- 3. Jones A.J. (1970) Principles of Guidance- Indian ed.Bombay: Tata McGraw Hill
- Nelson, J. (1982)- The Theory and practice of Counseling Psychology. New York: Hollt Rinehart & Winston.
- 5. Strange, R. (1947)– *Educational Guidance, its principles and practice.* New York: the McMillan Co.
- 6. Super D.E. (1949) Appraising Vocational fitness by means of PsychologicalTests, New York, Harper & Brothers.
- 7. Traxer, A.E.and North, R.D.(1957): *Techniques of Guidance* New York, Harper & Row.
- 8. Rai A. & Asthana M. (2010) Modern Counselling Psychology: Motilal Banarsidas
- 9. Windy, D. (1988) (Ed.) Counselling in action. New York's publication.

## M.A. (FINAL) PSYCHOLOGY IIIrd SEMESTER PSYM-O305 Group 'C' (Optional) Paper V: Educational Psychology - I

Unit I: Introduction:-

- Conceptual framework of educational psychology
- Scope & Functions of Educational Psychology.

Unit II: Growth, Development and Individual Difference

- Meaning and importance of physical growth and development and its educational significance.
- > Meaning, types and causes of Individual Difference.
- > Importance of the knowledge of Individual Differences.

Unit III: Motivation and Transfer of Learning or Training:-

- Motivation Meaning & methods of motivation in the classroom situation.
- Transfer of training Definition and types, How to achieve maximum positive transfer?

Unit IV: Creativity and Study Habits:-

- Concept of creativity.
- > Identification and development of Creative Talent.
- > Meaning and importance of good study habits in education.

Unit V: Adjustment and Mental Health:-

> Meaning of adjustment, role of teachers in the process of adjustment.

- > Meaning and definition of Mental Health.
- > Role of home/school and society in mental health.

#### **Readings:**

- 1. Crow & Crow: 'Educational Psychology '.
- 2. Gardner, Murphy: 'Introduction to Psychology'.
- 3. Jalota: 'Manovigyan Ki Bhumica'.
- 4. Best, John: 'Research In Education '.
- 5. Mangal,S.K.:'Shiksha Manovigyan'.
- 6. Sharma, R.: 'Shiksha Manovigyan'.
- 7. Watson: 'Psychology of the Child.'
- 8. Young, Kimball: 'Handbook of Social Psychology'.

## JAGADGURU RAMBHDARACHARYA HANDICAPPED UNIVERSIITY, CHITRAKOOT, (U.P.) Department of Psychology Syllabus *For* M.A. (FINAL) PSYCHOLOGY IV<sup>TH</sup> SEMESTER

## **Implemented from 2016 Onwards**

**Note**: For III<sup>rd</sup> and IV<sup>th</sup> semester group 'A' is compulsory for all students. They have to opt any one group from optional.

#### Group 'A' (Compulsory)

Paper I: Theories and measurement of Personality	(PSYM-C401)	100	
Paper II: Disability and Rehabilitation Psychology	(PSYM-C402)	100	
Paper III: Project formulation/Planning or Dissertation (PSYM-C403)			
Group 'B' (Optional)			
	(PSYM-O404)	100	
Paper IV: Introduction to Psychiatric Disorders	( )		
Paper V: Psychotherapy	(PSYM-O405)	100	
Group 'C' (Optional)			
Paper IV: Guidance and Counseling-II	(PSYM-O404)	100	
Paper V: Educational Psychology-II	(PSYM-O405)	100	

Note: Students offering M.A. psychology must obtain 45% marks both in theory and practical separately to be declared successful.

<b>Question Pattern: Theoretical Paper</b>		Allotted Time 02:30 Hours	
<b>Objective Type</b> (Including MCQ, Fill in the blank, True false and pair matching)	- 06 questions	(06 × 02 = 12 marks)	
Short Answer Type -	4 questions (in about 250 words)	(04 × 12 = 48 marks)	
Long Answer Type -	2 questions (in about 500 words)	$(02 \times 20 = 40 \text{ marks})$	

## M.A. (FINAL) PSYCHOLOGY IVth SEMESTER PSYM-C401 Group 'A' (Compulsory)

## **Paper I: Theories and Measurement of Personality**

Unit I: Concept of Personality:-

- Indian and Western Conceptualization.
- Scope/Approaches to the study of Personality.
- Unit II: Healthy Personality:
  - Concept and Characteristics.
  - Comparison with sick Personality.

Unit III: Theories of Personality: Western and Dispositional Approaches:

- Western Approaches Freud ('Classical Psychoanalysis'), Jung ('Analytical Psychology'
- Horney ('Interpersonal Psychoanalysis').
- Dispositional Approaches Allport ('Personological Trait Theory'), Murray ('Need Theory').

Unit IV: Theories of Personality: Behaviourist and Humanistic Approaches:

- Bandura ('Cognitive Social Learning Theory').
- Rogers ('Person Centered Theory')
- ➢ Maslow ('Hierarchy of Needs').

**Unit V**: Measurement of Personality:

- Projective Techniques Meaning, characteristics and importance. 'TAT' and 'Rorschach Inkblot Test'. Difference between Projective and Non Projective Techniques.
- Personality Inventories M.M.P.I. and 16 P.F.
- Behavioural Methods: Interview, Semantic Differential Technique, Case Study, Anecdotal Records.

#### **READINGS** –

- 1. Biscoff, L. J. (1970), 'Interpreting personality theories'. New York: Harper & Row.
- 2. Cloninger C. Susan (2000), 'Theories of Personality' 3<sup>rd</sup> Ed. Understanding Persons: Prentice Hall.
- 3. Hall, C.S. & Lindzey, G. (1978), *Theories of Personality*, 3<sup>rd</sup> Ed. New York: J. Wiley & Sons.
- 4. Hjelle , L.A. & Zeigler, D.J. (1991), *Personality Theories:* Basic Assumptions, research and applications. 2nd Ed. International Student Edi. Mc Graw Hill, International Book Co.
- 5. Pervin, L.A. (1975), *Personality:Theory, assessment and research.* 2n Ed. New York: Willey International Ed.
- 6. Singh A.K., 'Personality', Motilal Banarasidas, Patna.

## M.A. (FINAL) PSYCHOLOGY IVth SEMESTER PSYM-C402 Group 'A' (Compulsory)

## Paper II: Disability and Rehabilitation Psychology

Unit I: Introduction and Developmental issue on disability:-

- Concept of impairment, disability, handicap, rehabilitation and integration
- Definitions of MR, CP, autism, learning disability, hearing and, visual impairment, orthopedically disabled, multiple disability
- > Incidence, prevalence and causes of various disabilities
- Medical and social model of disability

Unit II: Disability assessment and Rehabilitation psychology:-

- ▶ Basic principles and types of assessment formal & functional
- > Early identification and functional assessment of children with disability
- Services provided by rehabilitation psychologists
- Meaning and areas of rehabilitation psychology

Unit III: Prevention and Rehabilitation:-

- Prevention related measures immunization, genetic counseling and nutrition
- ➢ Goal, approaches and challenges to rehabilitation
- Types of rehabilitation physical, medical, emotional, social, education, vocational, economical and environmental
- Specialists need in disability rehabilitation
- > Agencies involved in the area of rehabilitation

Unit IV: Community based rehabilitation:-

- ▶ Need and models of CBR- medical, educational, vocational, SHG
- Components of ideal CBR programme
- ➢ Role of parents, doctors, ICDS workers, women's group, teacher

Unit V: Schemes and Policies:-

- Govt. schemes for disabilities
- Introduction and rights for disabled in different Acts in India PWD Act 1995, Mental health act 1987, National trust act 1999, RCI Act 1992

#### Books:

- 1. Training manual on disability management and mainstreaming of persons with disability for university and management institution RCI, New Delhi.
- 2. Robertson, SE & Brown, RI (1992): Rehabilitation counseling Approaches in the field of disability, Chapman & Hall, London.
- 3. Singh, JP & Dash, MK (2005): Disability development in India, RCI, New Delhi
- 4. Dhawan, S (2011): Handbook of Disability and Rehabilitation, Arise publishers and Distributors, New Delhi
- 5. महेश भार्गव (2003)ः विशिष्ट बालक, शिक्षा व पुनर्वास, भार्गव बूक हाउस, आगरा

## M.A. (FINAL) PSYCHOLOGY IVth SEMESTER PSYM-C403 Group 'A' (Compulsory) Paper III: Project Formulation/Planning or Dissertation

**Instruction:** Students may opt either Project formulation or Dissertation. Project Formulation or dissertation will be of 100 marks, in which Thesis or Written Work will be of 50 Marks and its evaluation will be done by Supervisor or Guide. And Viva will be of 50 marks and its evaluation will be done by External Examiner.

#### Project Formulation or Project Planning or Dissertation

Marks Division

*Thesis/Written* 50 Marks (Internal Supervisor Or Guide) *Viva* 50 Marks (External Examiner) Total

100 Marks

## M.A. (FINAL) PSYCHOLOGY IVth SEMESTER PSYM-C404 Group 'B' (Optional)

## Paper IV: Introduction to Psychiatric Disorders

Unit I: Anxiety disorders:-

- Generalized anxiety disorder
- Obsessive-compulsive disorder
- Phobia and its types
- Dissociative and conversion disorder
- Unit II: Psychotic disorders:-
  - Mood (affective) disorders
  - > Schizophrenia
  - Delusional disorder
  - Substance induced psychotic disorder

Unit III: Personality disorders:-

- > The concept of abnormal personality
- Classification of personality disorders
  - a) Cluster A
  - b) Cluster B
  - c) Cluster C

Unit IV: Eating and behaviour disorder:-

- Anorexia and bulimia nervosa
- Binge eating disorder and obesity
- Deliberate self-harm and suicide
- Pica

Unit V: Childhood and adolescent disorders:-

- > Specific developmental disorders Learning and communication disorder
- Childhood autism and Mental retardation
- Conduct disorders
- Common problems of adolescence

#### Books:

- 1. Singh, AK : Advanced Abnormal Psychology (2011), Motilal Banarasidas, New Delhi
- 2. Gelder, M; Harrison, P & Cowen, P : Shorter Oxford Textbook of Psychiatry (2009), Oxford Univ. Press, N.Delhi
- 3. Kaplan, HI; Saddock, BJ & Gribb, JA : Synopsis of psychiatry (1994), B.I. Waruly, New Delhi
- 4. Lamm, A: Introduction to psychopathology (1997), Sage, New York.
- 5. 5.Carson, RC; Butcher, JN & Mineka, S: Abnormal psychology in modern life (2001),11<sup>th</sup> edn, Allyn & Bacon, New York.

## M.A. (FINAL) PSYCHOLOGY IVth SEMESTER PSYM-O405 Group'B' (Optional) Paper V: Psychotherapy

Unit I: Psychological Treatment – I:-

- Psychotherapy Meaning and goals
- Classification of psychological treatments
- Common factors in psychotherapy
- > Ethical problems in psychological treatment

Unit II: Psychological Treatment – II:-

- Counselling Approaches and specific purposes
- Supporting and Interpersonal psychotherapy
- Cognitive behaviour therapy Beck's cognitive therapy, Lazarus multi model therapy, Methods of cognitive restructuring.

Unit III: Psychological Treatment – III: - Behavioural techniques –

- Relaxation training and Systematic desensitization
- Exposure with response prevention
- Social skills training

- Contingency management
- Biofeedback method

Unit IV: Psychological Treatment – IV: - Treatment in groups and other treatments

- ➤ Group therapy Curative factors and process, Advantage and limitations
- > Family therapy Meaning, goals, indication and problems, Marital therapy
- ➢ Meditation

Unit V: Psychological Treatment-V:-Psychodynamic threapy

- Freudian psychoanalytic threapy
- Adler's individual threapy
- Jung's Analytical therapy
- Brief Psychotherapy

#### **Books:**

- 1. Singh, AK : Advanced Clinical Psychology (2011), Motilal Banarasidas, New Delhi
- 2. Gelder, M; Harrison, P andCowen, P : Shorter Oxford Textbook of Psychiatry (2009), Oxford Univ. Press, New Delhi
- 3. SNietzel, mT; Bernstein, DA and Milch, R: Introduction to Clinical Psychology (1994), Prentice-Hall Inc.
- 4. Cullari, S : Foundations of Clinical psychology (1998), Allyn & Bacon, Boston
- 5. Kaplan, HI and Sadock, BJ: Comprehensive Textbook of Psychiatry, Williams & Willkins, Baltimors.

## M.A. (FINAL) PSYCHOLOGY IVth SEMESTER PSYM-O404 Group 'C' (Optional)

## Paper IV: Guidance and Counseling - II

Unit I: Approaches to counseling:-

- Directive and non-directive
- ➢ Humanistic and Existential
- Behaviouristic
- ➢ Gestalt
- Transactional Analysis
- ► Eclectic.

Unit II: Areas of counseling:-

- Educational: school orientation and academic adjustment
- Vocational: knowing one's potential and the world of occupations

## Unit III:

- Guidance for recreation
- Marital and family adjustment,
- Personal adjustment and growth of self

Unit IV: Appraisal of counseling: psychological tests

➢ Intelligence

- > Aptitude
- Personality
- ➢ Interests

Unit V: Organization of a Guidance programme

- > Placement
- ➢ follow -up
- ➢ Evaluation

## **Readings:**

- 1. Belkin, G.S. (1988) Introduction to Counselling, W.G.: Brown Publishers
- 2. Crow, L.D. & Crow A. (1960) *An Introduction to* Guidance-New Delhi: Eurasia Publicity House.
- 3. Jones A.J. (1970) Principles of Guidance- Indian ed.Bombay: Tata McGraw Hill
- Nelson, J. (1982)- The Theory and practice of Counseling Psychology. New York: Hollt Rinehart & Winston.
- 5. Strange, R. (1947)– *Educational Guidance, its principles and practice*. New York: the McMillan Co.
- 6. Super D.E. (1949) Appraising Vocational fitness by means of PsychologicalTests, New York, Harper & Brothers.
- 7. Traxer, A.E.and North, R.D.(1957): *Techniques of Guidance* New York, Harper & Row.
- 8. Rai A. & Asthana M. (2010) Modern Counselling Psychology: Motilal Banarsidas
- 9. Windy, D. (1988) (Ed.) Counselling in action. New York's publication.

## M.A. (FINAL) PSYCHOLOGY

## IVth SEMESTER PSYM-O405 Group 'C' (Optional)

## Paper V: Educational Psychology-II

Unit I: Assessment of academic attainments:-

> Achievement Tests- Types of educational achievement tests.

Unit II: Social psychology of Education

- Class-room climate Individual differences.
- Institutional climate
- ➢ Teacher-pupil interaction

#### Unit III: Teacher effectiveness:-

- ➢ Characteristics,
- Adjustment
- ➤ Mental health.

Unit IV: Adjustment problem of students:-

- > Delinquency
- ➤ Truancy
- Learning disabilities and remedial measures

Unit V: Meaning, Identification and Education of exceptional children:-

- ➢ gifted,
- ➢ Backward
- Mentally Retarted
- Disabled or differently abled.

## **Readings:**

- 1. Crow & Crow: 'Educational Psychology '.
- 2. Gardner, Murphy: 'Introduction to Psychology'.
- 3. Jalota: 'Manovigyan Ki Bhumica'.
- 4. Best, John: 'Research In Education '.
- 5. Sharma, R.: 'Shiksha Manovigyan'.
- 6. Watson: 'Psychology of the Child.'
- 7. Young, Kimball: 'Handbook of Social Psychology'.