

**SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR**



**SYLLABUS EFFECTIVE FROM: 2017-18
DEPARTMENT OF PSYCHOLOGY
MASTER OF ARTS (Psychology)
Semester –I**

CORE COURSES & ELECTIVE COURSES

PAPER –I: Research Methodology and Statistics-I

PAPER – II: Advanced Experimental Psychology (Theory)

PAPER –III: Ancient and Modern system of Psychology

ELECTIVE COURSES- (Any one paper):

PAPER – IV-1- Models of Psychopathology **OR**

PAPER – IV-2 -Advanced Industrial Psychology **OR**

PAPER –IV-3- Introduction to General concept of Psychology

ELECTIVE COURSES- (Any one paper):

PAPER – V- 4- Psychopathology **OR**

PAPER – V – 5 - Ergonomics and Industrial Psychology **OR**

PAPER – V- 6- Child development Psychology

**SYLLABUS OF PSYCHOLOGY
STRUCTURE & SCHEME OF EXAMINATION**

Paper	Title	Course	Credit	Duration	Examination		Total Marks
I	Research Methodology and Statistics-I	Core	4 + 1	3 hrs.	70	30	100
II	Advanced Experimental Psychology (Theory)	Core	4 + 1	3 hrs.	70	30	100
III	Ancient and Modern system of Psychology	Core	4 + 1	3 hrs.	70	30	100
IV Any one	1.Models Of Psychopathology 2.Advanced Industrial Psychology 3.Introduction to General concept of Psychology	Elective	4 + 1	3 hrs.	70	30	100
V Any one	4.Psychopathology 5.Ergonomics and Industrial Psychology 6.Child development Psychology	Elective	4 + 1	3 hrs.	70	30	100
Total	Five papers three core and two elective		25	15	350	150	500

PA01CPSY21 : Research Methodology & Statistics-I

Objectives:

1. To acquaint the students with the key concepts, various application of research methodology as a science.
2. To acquaint the students with contemporary conceptual a framework of research method.
3. To prepare the blue-print for research.

Unit	Description Detail	Waitage
1	Introduction	25%
	-Meaning of Research, -What is Social Research, -Nature of Social Research, -Objective of Social Research significance of Research, -Importance knowing how Research is done, -Criteria of good Research, -Research Method Vs Research Methodology, -Types of Research, -Major steps of Research process, -Problems encountered by Researchers in India.	
2	Defining the Problem and Hypothesis	25%
	What is Problem, Characteristics of a good problem, Sources of research problem, Necessary considerations for selecting a research problem, Necessity of defining the Problem, Technique involved in defining problem, Meaning of Hypothesis, Characteristics of Hypothesis, - Source of Hypothesis -Types of Hypothesis, -Suggestions for Hypothesis Construction, and Importance of Hypothesis.	
3	Variables, Exploratory and Descriptive Study	25%
	Meaning of Variables, Types of Variables, Meaning, Nature, Objects, Method and Limitation of Exploratory study, Meaning, Nature, Objects, Scope, Steps, Importance, and Limitation of Descriptive study.	
4	Non-Parametric Statistics	25%
	- χ^2 Test, (Chi square Test), - Equal Distribution, -Normal Distribution -2x2 Contingency Table, The Chi Square test of independence in Contingency table, -Sign Test, - W Test, -Median Test	
Reference		
<ul style="list-style-type: none"> • Broota, K. D. (1992), Experimental Design in Behavioural Research, N. Eastern. • Dhila, B. D., Yagnik, L. R. and Chothani, K. B., (2004), Sanshodhan Padhattee, Vartanik Vignanma, (Research Method in Social Science), Akshar Publication, Ahmedabad. • Karlinger, F. N., (1953) Research methods in the Behavioural Science, Dryden. • Kothari, C. R., (2007), Research Methodology (Methods & Techniques), New Age International (P) Limited, Publishers. • Minium, E. W., King and Bear Statistical reasoning in education Psychology. • Parekh, S. C. (1998), Non Parametric Statistics, Champa Prakashan, Junagadh. • Parekh, S. C. and Dixit, S. K. (1995), Statistical Testing in Psychological Research, Champa Prakashan, Junagadh. • Rajmanikam, M. (2001), Statistical Methods in Psychological and Educational Research, Concept Publication Company, New Delhi. • Sadhu and Amarjitsingh (), Research Methods in Social Science, Pub. House, New Delhi. • Seltiz, C., Jahoda, M., Deutch, M. and Cook, H. (1959), Research Methods in Social Relation, New York. • Sendecor, G. W. and Cochran, W. G. (1968), Statistical Methods, Mohan Primlani, Oxford & IBH Publishing Company. • Trivedi, M. D. and Parekh, B. U. (1989), Statistics in Education, Granth Nirman Board, Ahmedabad • Underwood, B. J. (), Psychological Research, Appleton Centaur, New York. 		

PA01CPSY22: Advanced Experimental Psychology

OBJECTIVES OF THE PAPER:

- To define of exponential Psychology methods, variables, scale attention perception of human behavior in context of Psychological aspect.
- To make student understand the various concepts of experimental psychology.

Unit	Description Detail	Wehightage
1	Experimental design and control: 1.1: Introduction, Nature and scope of Experimental psychology 1.2: Methods of experimental psychology 1.3: Variables, Types of variables 1.4: Types of experimental designs, Experimental and control group 1.5: Features of psychological experimentation	25%
2	Psychophysical methods and Scaling Techniques: 1.1: Basic concepts of psychophysics 1.2: Methods of psychophysics 1.3: Scale, Types of scale, different scaling methods 1.4: Signal Detection theory 1.5: Weber's Law, Fechner's Law	25%
3	Attentions and Perception : 1.1: Introduction, Attention and its characteristics 1.2: Factors influencing the process of attention, Types of attention 1.3: Perception, Definition, laws of grouping, illusion 1.4: Depth perception, Monocular and Binocular cues 1.5: Theories of perception	25%
4	Auditions and Vision Sensation : 1.1: Nature of vision 1.2: Nature of Audition 1.3: Physiological basis of Audition 1.4: Physiological basis of Vision	25%
Reference Book <ul style="list-style-type: none"> • Underwood B J. : Experimental psychology • Williams Ray: An Introduction to Experiment and Design Mc Millan Newyork • D Ameto M R: Experimental psychology • N S Pathak : Advanced Experimental psychology 		

PA01CPSY23-Ancient and Modern System of Psychology

OBJECTIVES OF THE PAPER:

- To define of perception, learning and personality an ancient and modern time human behavior in context of Psychological aspect.
- To Define Eastern and Western human behavior context of Psychological aspect
- To understand ancient Greek philosophical influence and Today's modern theoretical concepts

Unit	Description Detail	Wehightage
1	Ancient and pre-scientific psychological system development: 1.1: meaning of system,1.2: Development of system,1.3: Evaluation of system of Psychology,1.4: Some basic issue in psychology,1.5: Characteristics of systems, 1.6: Mind and Body problems regarding Descartes, Leibnitz and Spinoza,1.7: Wundt after development of modern Psychology,1.8:publication of psychology regarding report of ICSSR-1972, 1.9:Publication of psychology regarding report of ICSSR-1988,1.10: publication of psychology regarding report of ICSSR-2001, 1.11:Establishment of Psychological associations in different countries of the world, 1.12:Development of Psychology in different countries, 1.13: future of Psychology	25%
2	Ancient and Modern Philosophical Organizations in Psychology: 2.1: Introduction, 2.2: Ancient Greek philosophical influences, 2.3: Science in Renaissance AD of 1400-1600, 2.4: View of Ancient Greek philosopher, 2.5: Ancient Chinese Psychology, 2.6: Ancient Development of Psychology in Undivided Russia, 2.7: Ancient expansion of Psychology in Britain and France, 2.8: Birth of International Organization of Psychology, 2.9: Distribution of Psychologists at international level, 2.10: Distribution of Psychological organization at international level	25%
3	Psychology in India during Ancient time system development: 3.1: Definition of Psychology in India during Ancient time,3.2: Cognitive process (Perc,Att..learning,ect) in India during Ancient time,3.3: Personality in India during Ancient time, 3.3.1: Personality in Upnishads, 3.3.2: The sankhya theory of personality, 3.3.3: The Yoga theory of personality, 3.3.4: The Abhidhamma: an Eastern theory of personality, 3.3.5: The personality types of Abhidhamma, 3.3.6: The Healthy Personality and Mental disorder, 3.3.7: The ideal types of healthy Personality according to Arahats, 3.4: Eastern and western type approaches of personality, 3.5: The hurdles in development of psychology, 3.6: The status and future of system in contemporary Psychology	25%
4	Nativism, Neurophysiology and Darwinism 4.1: German Psychologist as an Immanuel Kant, Johann Herbart and Harmon Lotz ,4.2: Development of neurophysiology,4.3: Early studies of nerve impulses: its electrical nature and velocity,4.4: Sense Physiology about Helmholtz & Hering ,4.5: Contribution towards Sir Francis Galton,4.6: Reflex action and reaction time ,4.7: Reaction time studies, 4.8: Reaction experiment ,4.9: Complication experiment	25%

Reference Book

1. Arunkumar & Aashishkumar Sinh (1995) The History and System of Psychology
2. Atkison et al (1983): Introduction to Psychology, N.Y.,:Wiley
3. Bergen, D (2007) Human development: Traditional and contemporary theories
4. Brennan James: Readings in the history and systems of Psychology
5. Chaplin J.P and Krawiec (1979) system and theories of psychology
6. Darwin, c (1859) On the Origin of species New York
7. Dennis Coon: Introduction to psychology-Exploration and Application-8th edition
8. Dr.B.A.Parikh (1974 & '88) System and theories of psychology
9. ICSSR-A Survey of Research in Psychology 1971 to 2010
10. Marx M.H and Hilix W. (1973) system and theories in psychology
11. Pandey, Janak: Psychology in India-the state of the art.Sage.Delhi
12. Particia. Miller: Theories of Developmental Psychology
13. William E.Glassman & Marilyn Hadad (2010) Approaches to Psychology
- 14.Wolman B.B (1960) Contemporary theories and system in psychology

PA01EPSY21: Models of Psychopathology

Objectives:

1. To acquaint the students with the types, Symptoms and Pathological behavior.
2. To provide information regarding therapy and mental health.
3. To prepare the student for research in this area.

Unit	Description Detail	Waitage
1	Introduction	25%
	-Definition of Psychopathology, -Scope of Psychopathology, Importance of Psychopathology, -Methods for studying abnormal Behaviour, -Meaning of Abnormal behavior, -Characteristics abnormal Behaviour, - Criteria of Normality and Abnormality, - Difference between normal and abnormal Behaviour.	
2	History and Psychological Model	25%
	-Brief History of Psychopathology, Meaning, Necessity, Bases and Growth of Classification, Classification : Psychological Disorders and Psychosomatic Disorders, Psychodynamic model, Psychoanalytic Theory, -Behavioural model (Learning theory), - Cognitive view points, Physiological view points, -Cognitive view points, -Humanistic Model, -Socio-Cultural Model, - Existential view points.	
3	Anxiety and of Obsessive-Compulsive Disorder	25%
	Meaning of Anxiety Disorders, -General Symptoms of Anxiety Disorders, -General Causes of Anxiety Disorders, -Types of Anxiety Disorders, -Meaning, Symptoms, Types, Etiology of Phobia -Meaning, Symptoms, Causes, Theories and Treatment of Obsessive-Compulsive Disorders.	
4	Schizophrenia and Delusional Disorders	25%
	Meaning, Brief History, Clinical Symptoms, Types, Etiology and Treatment of Schizophrenia, Meaning, Nature, Symptoms, Types, Causes and Treatment of Delusional Disorders, Differences between Neurosis (Anxiety Disorder) and Psychosis.	
Reference		
<ul style="list-style-type: none"> • Adams, H. E. and Sttker, P. B. (1984), Comprehensive hand book of Psychopathology, Pergammon Press, New Yourk. • Bass, A. H. (), Psychopathology, Jhn Wiley, New Yourk. • Bellack, A. S. and Hensen, M. (1984), Research Method in clinical Psychology, Pergammon Press, New Yourk. • Coleman, J. C. (), Abnormal Psychology and Modern life, Tarapura, Bombay. • Dignostic and Statistical Meneual of Mental Dissorder, 4th Ed. (DSM-IV) Washington D. C. APA Publication. • Down, J. H. & Grounds, A. T. (1985), Personality disorder recognition and Clinical Management Cambridge University Press. • Jogsan, Y. A. & Vasavda, J. P. (2005), Manovikrutishastra, Akshar Publication, Ahmedabad. • Kaplan, B. J. & Sdock, B. J. (Eds.) Synopsis of Psychiatry, 7th edition USA Illiams & Wilkins. • Munsinger Harry: Principles of abnormal Psychology, Mc New Delhi. • Nathan, P. E., & Harris, S. L., (1980), Psychopathology and Society, McGraw-Hill Book Company. • Patel, M. (1994), Asadharan Manovigyan, University Granth Nirman Board, Gujarat State. • Suleman, M. & Tauvab, M. (2011), Asamanya manovigyan Vishay aur Vyakhya, Motilal Banarasidas, New Delhi. 		

PA01EPSY22- Advanced Industrial Psychology

OBJECTIVES OF THE PAPER:

1. To explain the area of Industrial psychology in Advanced industrial setting
2. To impart knowledge and skills required for employees training and machine system
3. To introduce the concept of industrial employees and relationship between Motivation, incentive, personnel selection, job-satisfaction and ect.
4. To involve and interest of work and work ship in the area of industrial employees

Unit	Description Detail	Weightage
1	Introduction: Definition, Nature, and scope of I/P: 1.1: Definition of Advanced Industrial Psychology, 1.2: Nature and goals of Ad.I/Psychology, 1.3: History of Advanced Industrial Psychology,1.4: Major problems of Advanced Industrial Psychology, 1.5: Problems of personnel selection of Advanced Industrial Psychology, 1.6: Different concept development of A/I/Psychology, 1.7: Role of Psychologist in modern Industries, 1.8: Scope of Advanced Industrial Psychology	25%
2	Personnel selection and Training: . 2.1: Meaning and objectives of personnel selection, 2.2: Factors of personnel selection, 2.3: Importance of personnel selection, 2.4: Techniques of personnel selection, 2.4.1: The Interview techniques, 2.4.2: The Psychological tests techniques 2.4.2.1: Nature, Uses, characteristics, and different Psychological tests techniques, 2.5: Step in Industrial employees training , 2.6: Types of Industrial employees training , 2.7: Objectives of Industrial employees training, 2.8: Different methods of Industrial employees training 2.9:Uses, Needs of importance of Industrial employees training	25%
3	Time and motion study and Accident: 3.1: What is time and motivation study?,3.2: Objectives of time and motion study? 3.3: Experimental studies related to time and motion study?3.4: Evaluation of time and motion study? 3.5: limitation of time and motion study? 3.6: Suggestions for improving time and motion study? 3.7: Meaning of accident and accident proneness, 3.8: Effects of accident 3.9: Causes of industrial accidents 3.10: Prevention of Accidents	25%
4	Job-satisfaction: 4.1: Meaning of Job-satisfaction ,4.2: Attitudes, Morale and Job-satisfaction 4.3: Determinants of Job-satisfaction , 4.4: Objective measures of Job-satisfaction, 4.5: Subjective measure of Job-satisfaction, 4.6: Job-satisfaction and Productivities , 4.7: Theories of Job-satisfaction, 4.8: Methods improving Job-satisfaction	25%

Reference Books:

1. Bass D.M.(19650): Organizational Psychology, Boston and Allyn bacon
2. Dennis Coon: Introduction to psychology-Exploration and Application-8th edition
3. Dr.B.A.Parikh (1973, 89,& 2012, 2015) Industrial psychology
4. Dannette, M.D (1976): Hand book of Industrial and Organizational Psychology.
5. Edgar H. Schein (1983): Organizational psychology.
6. Jagdish patel (1984) Theories of Organization
7. Katz D.Kahn, R.L(1976): The social psychology of organizations.
8. KellyJ.(1969):Organizational behavior. 3rd ed. Richard D Irvin
9. Mohmmad suleman and vinay chaudhri (2010) Modern Industrial and Organizational Psychology
10. Particia. Miller: Theories of Developmental Psychology
11. Ronald.e.riggio (2011) Introduction to industrial and organizational psychology
12. Sharma, R.A.(1982): Organizational theory and behavior
13. Wolman B.B (1960) Contemporary theories and system in psychology

PA01EPSY23-Introduction to General Concept of Psychology

OBJECTIVES OF THE PAPER:

- To define of Nature scope and beginning and methods of Introduction to general Psychology
- To learning, motivation and emotion process understand master level students
- To know of concepts of conflicts and stress resolve by the students
- Following units of the new course in force from June 2017 of the Sardar Patel University

Unit	Description Detail	Weight age
1	<u>Nature/Scope/origin/beginning and methods of Psychology:</u> Definition, Nature, Origins and development of Understanding (General) psychology, Pre scientific psychology and Beginning of modern psychology, Scope/Field of Psychology and Branches of Psychology, Methods of Psychology: 1.Method of Introspection, 2.External and natural observation, 3.Psychological experimental method, 4. Survey methods. 5.Clinical methods, 6.Psychological test	25%
2	<u>Learning Process:</u> Introduction, Definition, Nature, Factors in learning process of Learning, Effected variables of conditioning and Dimensions of experiment of conditioning, Factors affecting learning and Effects of methods of learning, Types of memory and Improvement of memory	25%
3	<u>Motivation Problems:</u> Definition and Nature of Motivation, Positive and Negative goal and measurement of motivation, Motive and deprivation, Types of Physiological-Biological and Some other basic motives:(Thirst, Sleep, Maternal motives, pain), Theory of motivation 1-Rationalism theory, 2.Hedonism theory, 3.Instinct theory,4-Psychoanalytic theory, 5.Social learning theory, 6.Cognitive theory,7. Maslow's theory and Other theory of motivation	25%
4	<u>Conflicts:</u> Definition , Meaning and Nature of Group conflicts ,Resolution of role conflict, Types of Group conflict,Problems originating group conflict in Indian society, Resolution of group conflict in Indian context, Theories of Role conflict resolution, Different approaches of conflicts, Method of group conflict resolution, Robinson model of conflicts	25%

Reference Book

1. Arunkumar & Aashishkumar Singh (1995) The History and System of Psychology
2. Arun kumar singh: (2003,2009) An outline of Social Psychology;
3. Atkison et al (1983): Introduction to Psychology, N.Y.:WileyAlpe
4. Baron, R. A. (1997). Positive effects of conflict: Insights from social cognition. In C. K. W.
5. B.A.Parikh (1989-2007) Advanced General Psychology: University Granth Nirman board Gujarat state.:
6. C.T.Bhopatkar: (1970-1980-1989-1995) Applied Psychogy: University Granth Nirman board Gujarat
7. Daniel, Daniel & Daniel (2009, 2011). *Psychology, 2nd edition*. Worth Publishers. p. 264.
8. DeDreu & E. Van de Vliert (Eds.), Using conflict in organizations (pp. 177–191). London: Sage
9. M.N.Mishra:(1982-1988--1992-1996-2001-2005)Organizational behavior and corporate development
10. Makvana.s., Patel., and A., Kotar: (Sept-2015) Understanding Psychology ISBN(13) 978-93-84190-00-2 & (10) 93-84190-00-4 Red' shine Publication-389230
11. S.Tjosvold, D., & Law, K. S. (2000) Conflict management, efficacy, and performance inorganizational teams. *Personnel Psychology*, 53, 625-642.

PA01EPSY24: Psychopathology

Objectives:

4. To acquaint the students with the types, Symptoms and Pathological behavior.
5. To provide information regarding therapy and mental health.
6. To prepare the student for research in this area.

Unit	Description Detail	weight age
1	Psychosomatic and Mood Disorders	25%
	-Meaning, Nature, Symptoms, Types, General Etiology and Treatment of Psychosomatic Disorders, - Meaning, Symptoms, Types of Mood Disorders,- Meaning Symptoms, Types, Etiology and Treatment of Unipolar Disorders, –Meaning Symptoms, Types, Etiology and Treatment of Bipolar Disorders,	
2	Personality and Adjustment Disorder	25%
	- Meaning, Nature, Symptoms, Types, Causal and Treatment of Personality disorder, - Meaning, Clinical Nature, Characteristics, Etiology and Treatment of Antisocial Personality - Adjustment disorders.	
3	Sexual, Delinquency & Crime Disorder	25%
	Meaning, Nature, Types, and Treatment of Sexual Disorders - Meaning, Nature, Types, Etiology and Treatment of Sexual Dysfunction, Delinquency and Crime.	
4	Substance-Related Disorder and Cognitive Impairment Disorders	25%
	Meaning, Nature, Symptoms, Types of Substance-Related Disorder, Meaning, Alcohol-related disorder and Drug related disorder, Prevention and Treatment, -Suicide, - Meaning of Cognitive Impairment Disorders, -Old age Brain Disorder, -Old age and Psychological Disorders, -Causes and Treatment of Old age Cognitive Disorders, - Sleeping and Eating Disorders.	
Reference		
<ul style="list-style-type: none"> • Adams, H. E. and Sttker, P. B. (1984), Comprehensive hand book of Psychopathology, Pergammon Press, New Yourk. • Bass, A. H. (), Psychopathology, Jhn Wiley, New Yourk. • Bellack, A. S. and Hensen, M. (1984), Research Method in clinical Psychology, Pergammon Press, New Yourk. • Coleman, J. C. (), Abnormal Psychology and Modern life, Tarapura, Bombay. • Dignostic and Statistical Manual of Mental Dissorder, 4th Ed. (DSM-IV) Washington D. C. APA Publication. • Down, J. H. & Grounds, A. T. (1985), Personality disorder recognition and Clinical Management Cambridge University Press. • Jogsan, Y. A. & Vasavda, J. P. (2005), Manovikrutishastra, Akshar Publication, Ahmedabad. • Kaplan, B. J. & Sdock, B. J. (Eds.) Synopsis of Psychiatry, 7th edition USA Illiams & Wilkins. • Munsinger Harry: Principles of abnormal Psychology, Mc New Delhi. • Nathan, P. E., & Harris, S. L., (1980), Psychopathology and Society, McGraw-Hill Book Company. • Patel, M. (1994), Asadharan Manovigyan, University Granth Nirman Board, Gujarat State. • Suleman, M. & Tauvab, M. (2011), Asamanya manovigyan Vishay aur Vyakhya, Motilal Banarasidas, New Delhi. 		

PA01EPSY25 : Ergonomics and Industrial Psychology

OBJECTIVES OF THE PAPER:

- To make student understand the various concepts of ergonomics and industrial psychology.
- To expose the student to the basic of ergonomics and industrial psychology.

Unit	Description Detail	Wehightage
1	Concept of Human Engineering 1.1: Definition and Nature of human engineering 1.2: Man and Machine system of human factor engineering 1.3: Goals and characteristics of human engineering 1.4: Antecedents factors of Historical development of human engineering 1.5: Importance or Uses of human engineering in industry	25%
2	Job Design 1.1: Meaning and Nature of job design 1.2: Approaches of job design, job specialization, scientific management 1.3: Employee-response approach: Job rotation and job enlargement 1.4: Job enrichment 1.5: An integrative Model of job design	25%
3	Industrial Morale 1.1: Nature and characteristics of industrial morale 1.2: Determinants of industrial morale 1.3: Measurement of industrial morale 1.4: Methods of measuring morale 1.5: Morale and production	25%
4	Vocational selection and Vocational guidance 1.1: Nature and Meaning of vocational selection 1.2: Methods and problems of vocational selection 1.3: Importance and advantages of vocational selection 1.4: Meaning, nature and goals of vocational guidance 1.5: Methods of vocational guidance	25%
	Reference Book <ul style="list-style-type: none"> • Anne Anastasi :Field of Industrial Psychology. Mc Graw Hill New York • Von Haller Gilmer (1968):Industrial Psychology New York : Mc Grew Hill and Kogakasha • Majer N.R.F (1970): Psychology in Industry Psychology :New Delhi : Prentice Hall, India 	

PA01EPSY26 : Child Development Psychology

OBJECTIVES OF THE PAPER:

- To Expose the student to the basics of Child Development
- To help student understand the different factors and determinants affecting the development

Unit	Description Detail	Wehightage
1	The field of child development 1.1: Domains of child development 1.2: Periods of child development 1.3: The psychoanalytic perspective 1.4: Behaviorism and social learning theory 1.5: Piaget’s cognitive-developmental theory	25%
2	Research strategies in child development 1.1: Systematic observation 1.2: Self-Reports interviews and questionnaires 1.3: Psycho-physiological methods 1.4: The clinical or case study method 1.5: Methods for studying culture\	25%
3	Foundations of Development 1.1: The genetic code, the sex cell, Patterns of Genetic inheritance 1.2: Child birth, Approaches to children 1.3: Birth complications, Oxygen deprivation, Preterm and low-birth-weight infants 1.4: Motor and perceptual development in infancy 1.5: The course of physical development, factors affecting physical growth	25%
4	Personality and social development 1.1: Emotional development, Functions of emotions, Emotions and cognitive processing 1.2: Development of emotional expression Happiness, anger and sadness, fear, self-conscious emotions 1.3: Emergence of self and development of self concept 1.4: Self-esteem, structure, changes if level of self–esteem 1.5: Social problem solving, Training social problem solving	25%
Reference Book <ul style="list-style-type: none"> • John W. Santrock : Life-Span Development • Laura E. Berk : Child Development seventh edition • Child Development and Adjustment Lester D.Crow and Alice crow surjeet publications. 		