

NATIONAL UNIVERSITY



Fourth Year Syllabus Department of Psychology

Four Year B.Sc Honours Course
Effective from the Session : 2013–2014

National University
Subject: Psychology
Syllabus for Four Year B.Sc Honours Course
Effective from the Session: 2013-2014

FOURTH YEAR

Paper Code	Paper Title	Marks	Credits
243401	Theories of Motivation	100	4
243403	Theories of Learning	100	4
243405	Theories of Perception	100	4
243407	Theories of Personality	100	4
243409	Educational Psychology	100	4
243411	Industrial-Organizational Psychology	100	4
243413	Counseling Psychology	100	4
243415	Clinical Psychology	100	4
243416	Practical Research Project: (Marks Distribution)	100	4
	Research Report - 60		
	Viva - 40		
243418	Viva-Voce	100	4
	Total =	1000	40

Detailed Syllabus

Paper Code	243401	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Theory of Motivation			

1. Introduction :

- 1.1. Nature of motivation
- 1.2. Types of motivation
 - 1.2.1. Physiological motivation
 - 1.2.2. Psychological Motivation
 - 1.2.3. Social Motivation
 - 1.2.4. Uneanscious Motivation
- 1.3. Motivation as a drive
- 1.4. Instinct and incentive
- 1.5. Imparatance of motive in human live

2. Measuring Motivation :

- 2.1. Criterion measuring motivation
- 2.2. Methods of measuring motivation
 - 2.2.1. Self-rating method
 - 2.2.2. Rating by outsider
 - 2.2.3. Behavioural measures
 - 2.2.4. N-achievement measures by TAT

3. Theories of Motivation :

- 3.1. Freud's Psycho-dynamic theory
- 3.2. Lewin's Field theory
- 3.3. Morgan's Neo-behavioristic approach
- 3.4. Humanistic theory of Roger and Maslow
- 3.5. Theory of Evolution
- 3.6. Social learning theory of Potter and Bandura
- 3.7. Cognitive consistency theories:
 - 3.7.1. Balance theory
 - 3.7.2. Equity theory
 - 3.7.3. Cognitive dissonance theory
 - 3.7.4. Self-perception theory

4. Some Important Studies :

- 4.1. Motivation and learning
- 4.2. Motivation and perception
- 4.3. Motivation and Emotion

Reference:

1. Arkes, H.R and Garske, J.P.G Psychological Thomas of Motivation, Monterey, USA.
2. Atkinson, J.W. Motives in Fantasy, Action and society, Van Nostrand Inc., New York.

3. Atkinson, J.W. and Feather, N.T. A theory of achievement motivation, John Wiley and sons Inc, New York.
4. Hall, J.P. Psychology of motivation, lipping cout co., New York.
5. Mc. Clelland, D.C. Achievement Motive, Appletion Century Crofts, New York.

Paper Code	243403	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Theories of Learning			

1.Introduction:

- 1.1. Nature of Learning
- 1.2. Learning, performance and maturation
- 1.3. Importance of studying Learning Theories

2.History of Learning:

- 2.1. The history of learning theory
- 2.2. Major issues of controversy in Learning theory

3.Pavlovian Conditioning:

- 3.1. Basic Types of Conditioning
- 3.2. Basic principles and background of Pavlovian conditioning
- 3.3. Processes and concepts of classical conditioning
- 3.4. Physiological basis of classical conditioning
- 3.5. Pavlov's contribution and his position on major issues

4.Guthries Contiguous Conditioning:

- 4.1. Guthries contiguity theory of learning
- 4.2. Substitute for reinforcement
- 4.3. The breaking of habits
- 4.4. His position on major issues

5.Thorndike's Connectionism:

- 5.1. Connectionism before 1930
- 5.2. Subordinate Laws
- 5.3. Connectionism after 1930
- 5.4. Belongingness
- 5.5. Spread of effects
- 5.6. Experiments on spread of effects
- 5.7. Thorndike's positions on major issues

6.Hull's Systematic Behavior Theory:

- 6.1. Structure of Hull's theory
- 6.2. Major intervening variables
- 6.3. Hull's explanation of behavioral chaining
- 6.4. Changes of hull's theory

6.5. Hull's position on major issues

7. Skinners Operant Conditioning:

- 7.1. Skinner's approach to the contiguity and reinforcement issue
- 7.2. Skinner and generalizability of the laws of learning
- 7.3. Schedules of reinforcement
- 7.4. Skinner's positions on major issues

8. Cognitive Alternatives:

- 8.1. Dolman's approach to the contiguity and reinforcement issue
- 8.2. Schedules of reinforcement

Suggested Reading:

- 1. Bolles, R.C: Learning theory, New York, Holt, Richard and Winston, 1975.
- 2. Cole, S and Cole, M: Three giants of Soviet Psychology: Conversation and Sketches, Psychology Today, March 1971, 4,43-98
- 3. Chaplin, J.P. and Krawice: T.S: Systems and theories and Psychology, New York, Holt, 1960 hrs.
- 4. Cross, G.R.: Psychology of Learning, New York, Hold, 1974
- 5. Hill, F.W. Learning, London: Methuen and Co. Ltd.
- 6. Hilgard, E.R. and Bower. H.H. Theories of learning. New York. Appleton Century Crofts.
- 7. Spence, K.W. Behavior theory and learning. Englewood Cliff. New Jersey: Prentice Hall 1960 hrs. hrs.
- 8. সরকার, নীহার নীহার নগুন ও হক, মঞ্জুরুল: শিক্ষণ তত্ত্ব, জ্ঞানকোষ, বাংলা বাজার, ঢাকা ১৯৯৭।

Paper Code	243405	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Theory of Perception			

1. An Orientation to Psychological Theories:

- 1.1. Views on the role of Theories in Psychology
- 1.2. Significance of theories

2. The Phenomenon of Perception:

- 2.1. Six broad classes of perceptual phenomenal

3. The Classical Theories:

- 3.1. Stands of Classical theories
- 3.2. Associationism and Core-context theory
- 3.3. Functionalism
- 3.4. Nativism and Empiricism
- 3.5. Configurationaism

4. The Configurational Approach:

- 4.1. Basic Concepts of the Gestalt system
- 4.2. Physical Gestalter
- 4.3. Omissions, difficulties, and success of the gestalt theory

5. Adaptation Level Theory:

- 5.1. Perceptual norm and fram of reference
- 5.2. Meaning of adaptation level
- 5.3. Testing the theory
- 5.4. Generalizing the theory
- 5.5. Appraisal of adaptation level theory.

6. The Association Approach:

- 6.1. Cell assembly and phase sequence
- 6.2. Hebb's figural identity
- 6.3. Genetic and motor evidence that perceptions learned
- 6.4. Evaluation of Hebb's system

7. The Directive state Theory of Perception:

- 7.1. Preliminary statement of the theory
- 7.2. Empirical findings on six hypotheses
- 7.3. Evaluation of the theory

Reference:

- 1. Allport, F.H. (1967). Theories of perception and the concept of structure. New York: John Wiley and Sons.
- 2. Bartley, S.N. (1969). Principles of perception. New York : Harper and Brothers.
- 3. Hill, F.W. (1963). Learning London: Methuen Co. Ltd.
- 4. Hilgard, E.R. and Bower, H.H. (1966). Theories of Learning. New York: Appelton Century. Gofts.
- 5. Ali, M.R. Psychology-AI Introduction.

Course Code	243407	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Course Title:	Theories of Personality			

1. Introduction

- 1.1. What is theory
- 1.2. What is personality
- 1.3. Comparison of theories of personality
- 1.4. Approaches to personality theories

2. Psychoanalytic Theory of Personality: Sigmund Freud

- 2.1. Structure of personality
- 2.3. Dynamics of personality
- 2.4. Development of personality

- 2.5. Evaluation
3. **Social Psychological Theory of Personality: Erich Fromm**
 - 3.1. Conditions of Human existence
 - 3.2. Existential dilemma
 - 3.3. Personality development in childhood
 - 3.4. Six psychological needs
 - 3.5. Character types
 - 3.6. Assessment in Fromm's theory
4. **Phenomenological Theory of Personality: Carl. R. Rogers**
 - 4.1. Structure of personality
 - 4.2. Dynamics of personality
 - 4.3. Development of personality
 - 4.4. Assessment of Roger's theory
5. **Cognitive Field Theory of Personality: Kurt Lewin**
 - 5.1. Structure of personality
 - 5.2. Personality dynamics
 - 5.3. Development of personality
 - 5.4. Evaluation
6. **Trait Theory of Personality: Gordon W. Allport**
 - 6.1. Structure and dynamics of personality
 - 6.2. Personality development
 - 6.3. Assessment of Allport's theory
7. **Social Learning Theory of Personality: Albert Bandura**
 - 7.1. Modeling: The basis of observational learning
 - 7.2. Self
 - 7.3. Developmental stages of modeling and self
 - 7.4. Behavior modification
 - 7.5. Assessment of Bandura's theory

Reference:

1. Allport, G.W. (1937) *Personality: A Psychological Interpretation*. New York: Henry Hall.
2. Bandura, A. (1977) *Social Learning Theory*. Englewood Cliffs, NJ: Prentice Hall.
3. Hall, C. S. and Lindzey, cro, Lochlin, J.C., and manosevitz. M. (1985) *Introduction to theories of personality*, New York. John Willey and Sons.
4. Maddi. R. (1980) *Personality theories: A comparative analysis* (4th Ed.). Homewood, Illinois, the Dorsey Press.
5. Pervin, L.A. and John. O.P. (1997) *personality; Theory and Research* (7th edition) New York; John Wiley and sons.
6. Rogers, C.R. (1951) *Client-centered therapy: Its current practice, implications and theory*. Boston; Houghton, Muffin.
7. Ryakman. R.M. (1993). *Theories of personality* (5th edition) Pacific grove, calis; Brooks/Cale publishing company.
8. Schullz, D. and Schulltz, S.E. (1998) *Theory of personality*. (6th edition). New York: Brooks/cale publishing company.

Paper Code	243409	Marks: 100	Credits: 4	Class Hours: 60
Paper Title:	Educational Psychology			

1. Introduction:

- 1.1. Nature, scope and objectives of Educational psychology.
- 1.2. Understanding educational process.
- 1.3. Focal areas of educational psychology.
- 1.4. Educational psychology as applied science.
- 1.5. Major educational problems.

2. Development and learning:

- 2.1. Concept of maturity and development.
- 2.2. Intellectual development
- 2.3. Social development
- 2.4. Emotional development
- 2.5. Physical development

3. Learner and his family:

- 3.1. Contributions of family to learning
- 3.2. Emotional climate of the family
- 3.3. Family as an interpreter and transmitter of culture.
- 3.4. Social class and status of the family

4. Learning theories and applications:

- 4.1. Principles of behavioral learning theories
- 4.2. Social learning theory
- 4.3. Applications of behavioral learning theory
- 4.4. Teacher centered approach and student centered approach to learning.
- 4.5. Theories of transfer

5. Motivational factors in learning:

- 5.1. Motivational factor in school learning
- 5.2. Development of positive self concept
- 5.3. Aspiration and need for achievement
- 5.4. Explanation of success and failures

6. Learning Situation:

- 6.1. Planning classroom discipline and management
- 6.2. Styles of discipline
- 6.3. Techniques and methods of discipline
- 6.4. Nature and causes of maladjustment

7. Evaluation of Learning:

- 7.1. Need for measurement
- 7.2. Teacher made test
- 7.3. Standardized test

- 7.4. Observational test
- 7.5. Characteristics of objectives and essay type tests

8. Psychology of being a Teacher:

- 8.1. Characteristics and behaviors of effective teacher
- 8.2. The teacher as a learner
- 8.3. Teacher-student interaction
- 8.4. Methods of solving problems

Book Recommended:

1. Gage, N.J. and Berliner, D.C. (1984): Education Psychology. Houghton Mifflin; Boston, London.
2. Glover, J.A., Brunning, R.H. and Fillbeck, R.B. (1983): Educational psychology : Principles and Application. Little Brown; New York.
3. হুদা, ড. এম.; শিক্ষা মনোবিজ্ঞান। বাংলা একাডেমি।
4. হোসেন, ড. আফরোজা (২০০৬); শিক্ষা মনোবিজ্ঞান। প্রতীক প্রকাশনা সংস্থা ; ঢাকা।
5. খালেক, ড. এ এবং হক, মু. নাজমুল (১৯৯৬) : আধুনিক শিক্ষা মনোবিজ্ঞান: হাসান বুক হাউস, ঢাকা।
6. Lindgren, H.C. (1988) : Educational Psychology in the classroom. John Wiley; New York.
7. Santrock, J.W. (2004) : Educational Psychology (2nd ed.). McGraw Hill.
8. Salvin, R.E. (1991) : Educational Psychology : Theory and Practice. Prentice Hall International Inc.; New Jersey.
9. Woolfolk, A.E. (1995) : Educational psychology. Pearson Education Ltd.; Indian Branch; Delhi.

Paper Code	243411	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Industrial-Organizational Psychology			

1. Introduction:

- 1.1. Definition of Industrial Psychology
- 1.2. Scope of Industrial Psychology
- 1.3. Industrial Psychology as an Applied Science
- 1.4. History of Industrial Psychology

2. Job Analysis:

- 2.1. Definition of Job analysis
- 2.2. Purposes of Job analysis
- 2.3. Methods of Job analysis
- 2.4. Personnel Selection Procedures:
- 2.5. Psychological tests
- 2.6. Interviews
- 2.7. References
- 2.8. Application Blank

3. Personnel Training:

- 3.1. Assessment of Training Needs
- 3.2. Training Methods
- 3.3. Evaluation of training programme

4. Job Satisfaction and Organizational Commitment:

- 4.1. The Nature of Job Satisfaction
- 4.2. Determinants of Job Satisfaction
- 4.3. The Assessment of Job Satisfaction
- 4.4. Organizational Commitment

5. An Introduction to Human Factors/Ergonomics:

- 5.1. Definition of Ergonomics
- 5.2. Objectives of Human Factors
- 5.3. Scope and Subject matter of Human Factors
- 5.4. Man-machine system
- 5.5. A historical perspective
- 5.6. Display and control designs

6. Employee Health and Safety:

- 6.1. Physical Conditions Affecting Health and Safety
- 6.2. Work Schedules
- 6.3. Job Stress
- 6.4. Fatigue, Causes of fatigue, management of fatigue

7. Accident in Industry and Its Prevention:

- 7.1. Definition of Accident
- 7.2. Causes of Accident: Situational and Personal Factors
- 7.3. Prevention of accident

Reference:

1. Anastasi, A. (1979). Fields of Psychology, McGraw Hill Inc. New York.
2. Blum, M.L. and Naylor, J.C. (1968) Industrial Psychology CSB Publishers, New Delhi, India.
3. Chapanis, A. (1996). Human Factories in System Engineering, John Wiley and Sons Inc.
4. Dunnette, M.D. (1966). Personnel Selection and Placement. Behmont, California; Wadsworth Publishing Co.
5. Howell, W.C. and Display, R.I.(1982) Essential of Industrial and Organizational Psychology, Homewood, Illinois: The Dorsey Press.
6. জাহান, রওশন (১৯৯০) শিল্প মনোবিজ্ঞান: কর্মবিজ্ঞান; ঢাকা।
7. খালেক, আব্দুর (২০০৫) শিল্প মনোবিজ্ঞান, (৪র্থ সংস্করণ), হাসান বুক হাউস, ঢাকা।
8. McCormick, E.J. and Hagen, D.R.(1995) Industrial and Organizational Psychology, London Routledge Publications.
9. Miner, J.B. (1992) Industrial Organizational Psychology. New York: McGraw Hill international Edition.
10. Saal, F.E. and knight, P.a. (1995) Industrial/Organizational Psychology. Brooks/Cale Publishing Company. California, U.S.A.
11. Schultz, D.P. and Schultz, S.E. (1998) Psychology ad Work Today, Prentice all Inc. New-Jersey, U.S.A.

12. Specters, P.E. (1996) Industrial and Organizational Psychology. John Wiley and Sons Inc. New York, U.S.A.

Paper Code	243413	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Counseling Psychology			

- 1. Introduction to Counseling:**
 - 1.1. Definition
 - 1.2. Basic Concepts and scope of counseling
 - 1.3. Guidance and other related fields
 - 1.4. Historical perspectives of counseling
- 2. Approaches to Counseling :**
 - 2.1. Directive and non-directive counseling
 - 2.2. Psychology tic counseling
 - 2.3. Behavioral counseling
 - 2.4. Cognitive behavioral counseling
 - 2.4. Person-centered counseling
 - 2.5. Modern trend in counseling
- 3. Counseling Process:**
 - 3.1. Contents and steps of counseling
 - 3.2. Counsellor's skills
 - 3.3. Counselor-counsee relationship
 - 3.4. Factors affecting counseling process
- 4. Counseling service:**
 - 4.1. Educational Counseling
 - 4.2. Counseling in the elementary school
 - 4.3. Counseling in the secondary school
 - 4.4. Pre and post marital counseling
 - 4.5. Group counseling
- 5. Techniques for client Appraisal :**
 - 5.1. Test and non-test devices used in counseling
- 6. Family Counseling:**
 - 6.1. Marriage and couple counseling
 - 6.2. Family Counseling
- 7. Special Areas of Counseling:**
 - 7.1. Counseling with autistic child
 - 7.2. Counseling with delinquent
 - 7.3. Counseling with drug addicts
 - 7.4. Counseling with HIV⁺ patient and HIV high risk group

8. Ethics in Counseling:

8.1. Ethical principles of counseling

Books Recommended :

1. Bardki. B.G. and Mukhopadhyay, B. Guidance and Counseling; I A Manual New Delhi. Streling Publi~hers Private Ltd. (1989).
2. চৌধুরী ও ইসলাম (২০১৩): কাউন্সেলিং সাইকোলজি; ইবনে সিনা প্রকাশনী, ঢাকা।
3. Engelkes. J.R. and Vardergoot. D. Introduction to Counseling. Boston: Houghton Mifflin Co. (1982).
4. Gelso. G.J. and Fretz, B.R. Counseling Psycholpgy: Bangalore: Prism Book Pvt. Ltd. (1995).
5. Glanz. E.L. Guidance: Foundations, Principles and techniques: Boston: Ailyon and Bacon, Inc.
6. Jones. A.J., Steffler, B., Stewart, N.R. Principles of Guidance (6th Ed.) New York: McGraw Hill. (1970).
7. Kochlar. S.K. Educational and Guidance in Secondary School, Sterling Publisher Private Ltd. New Delhi. (1996).
8. Miller C.H. Guidance Services: An introduction. New York: Harper Int. (1964).
9. Patterson. L.E. and Welfel, E.R. The counseling Process Brooks/Cole Publishing Company, California. (2000).
10. Rao. N.S. Counseling Guidance. New Delhi: Tata McGraw Hill Publishing Com. Ltd. (1991).
11. Shertzer B. and Stone S.C. : Fundamentals of Guidance. New York. Houghton Mifflin Com.
12. Shertzer, B. and Stone, S.C. Fundamentals of Guidance. New York. Houghton Mifflin Com.
13. Smith. G.E. Counseling in the Secondary School, New York: The Macmillan Com.
14. Tolbert. E.L. Introduction to Counseling. New York: McGraw Hill Book Com.

Paper Code	243415	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Clinical Psychology			

1. Introduction:

- 1.1. Definition of Clinical Psychology
- 1.2. Historical background of clinical Psychology
- 1.3. Clinical Psychology and related fields (e.g., Psychiatry, Counseling Psychology, Psychiatric Social work)

2. Function of a Clinical Psychology:

- 2.1. Assessment
- 2.2. Therapy
- 2.3. Research

- 2.4. Training and Consultancy
- 2.5. Ethics in Clinical Practice

3. Clinical Assessment:

- 3.1. Interdisciplinary approach to clinical assessment
- 3.2. Physical and Neurological Examination
- 3.3. Preparation of case history
- 3.4. Clinical interview
- 3.5. Observation and Projective test of personality

4. Therapy:

- 4.1. An introduction to treatment of maladaptive behavior
- 4.2. Types of therapy
- 4.3. Interdisciplinary approach to treatment
- 4.4. Shock therapy
- 4.5. Insulin therapy
- 4.6. Psychosurgery and drug therapy

5. Psychotherapy:

- 5.1. An introduction to Psychotherapy
- 5.2. Objectives and strategies of Psychotherapy
- 5.3. Freudian Psychoanalytic therapy
- 5.4. Psychoanalytic therapy of Jung, Adler and Sullivan
- 5.5. Hypnotherapy
- 5.6. Behavior therapy and cognitive behavior
- 5.7. Client-centred therapy
- 5.8. Gestalt therapy

Readings:

1. Comer, R.J. (1998). Abnormal Psychology. New York: Freeman and Company.
2. Nevid, J.S., Rathus, S.A., and Greene, B. (1994). Abnormal Psychology in a changing world. New Jersey: Prentice Hall.
3. Coleman, J.C. (1976). Abnormal Psychology and Modern life. New York: Foresman.
4. Dana, R.H. (1966). Foundations of Clinical Psychology. New York: D.V. Nostrand Co. Inc.
5. Mensh, I.N. Clinical Psychology. New York: Macmillan Co.

Paper Code	243416	Marks: 100	Credits: 4	Class Hours: 60 hrs.
Paper Title:	Practical Research Project			

Paper Code	243418	Marks: 100	Credits: 4	
Paper Title:	Viva-voce			