

SCHEME OF EXAMINATION

&

DETAILED SYLLABUS

For

B.A. (PSYCHOLOGY)

FACULTY OF ARTS

B.A (PSYCHOLOGY)(3 yrs Programme)

First Year				
Code No.	Subject	Internal Marks	External Marks	Total
BAPSY101	Fundamentals of Psychology	30	70	100
BAPSY102	Cognitive Psychology	30	70	100
BAPSY103	Health Psychology	30	70	100
BAPSY104	Fundamentals of IT	30	70	100
BAPSY105	English-I	30	70	100
BAPSY106	Hindi-I	30	70	100
BAPSY104-P	Fundamentals of IT Lab	20	30	50
	Total	200	450	650

Second Year				
Code No.	Subject	Internal Marks	External Marks	Total
BAPSY201	Applied Psychology	30	70	100
BAPSY202	Environmental Psychology	30	70	100
BAPSY203	Emergence and Growth of Psychology	30	70	100
BAPSY204	Environmental Science	30	70	100
BAPSY205	English –II	30	70	100
BAPSY206	Hindi-II	30	70	100
	Total	180	420	600

Third Year				
Code No.	Subject	Internal Marks	External Marks	Total
BAPSY301	Social Psychology	30	70	100
BAPSY302	Statistical Methods for Psychological Research	30	70	100
BAPSY303	Educational Psychology	30	70	100
BAPSY304	Abnormal Psychology	30	70	100
BAPSY305	Industrial And Organizational Psychology	30	70	100
BAPSY306	English-III	30	70	100
BAPSY307	Hindi-III	30	70	100
	Total	210	490	700

Year-1

Fundamentals of Psychology

Unit-1

Nature and Characteristics of perception illusions: perception of form, figures and shapes perceptual constancy: factor influencing perception.

Unit-2

Learning : Nature and definition Pavlov and his contribution thorn dikes connectionism; instrumental conditioning : Transfer of training.

Unit-3

Remembering and forgetting:

Processes of remembering learning retaining and reproducing

Unit-4

Factors influencing learning :

Nature of forgetting with reference to the work of Ebbinghaus, causes of forgetting retroactive inhibition short term memory (S.T.M.) and long term memory (L.T.M.)

Unit-5

Intelligence:

Basic concept, historical development, theories (two-factor and multifactor) : measurement of intelligence.

BOOKS RECOMMENDED :

1. Atkinson et al. (13th edition 1985), **Hilgard's Introduction to Psychology**, Harcourt Brace.
2. Baron, R.A. (1995). **Psychology : The essential Science**. New York : Allen & Bacon.
3. D Amato, M.R. (1970). **Experimental Psychology, methodology, psychophysics and learning**, Mc Graw Hill.
4. Nicky Hayes (2nd Edition). **Foundations of Psychology**, Nelson.
5. Woodworth, R.S. & Scholosberg H. (3rd Edition) **Experimental Psychology**. Kling and Riggs, U.S.A. Holt Rinehart and Winston, Inc.
6. Zimbardo, P.C. & Weber, A.L. (1997). **Psychology**, New York : Harper Collins College Publishers.

Cognitive Psychology

Unit –I

Introduction to Cognitive Psychology: Emergence of Cognitive Psychology; Paradigms of Cognitive Psychology.

Attending to Information: Bottleneck theories of Selective Attention; Factors influencing Division of Attention; Automaticity and effects of Practice .

Unit –II

Perception: Perceptual constancies: Size and Brightness; Object recognition; Multisensory Interaction and Integration; Consciousness and Subliminal perception.

Visual Imagery: Dual Coding Hypothesis; Empirical Investigations: Mental Rotation and Scanning ; Critiques of Mental Imagery theory: Picture Metaphor vs Propositional Theory

Unit –III

Memory: Working Memory, Level of Processing and Hierarchical view of memory; Reconstructive nature of memory: Autobiographical and Eyewitness memory; Use of mnemonics in retrieval of memory.

Knowledge Representation: Organizing Knowledge: Network, ACT and Connectionist models; Concepts and Categories: Types and Functions of Concepts; Approaches to Concept .Representation: Prototype, Exemplar, Schemata/Scripts

Unit –IV

Language: Structure of Language; Comprehension and Production: Speech perception, Speech errors, Comprehension of Sentence and Passages, Grice's Maxims of Conversation. Individual and Cross Cultural Perspectives: Individual and Gender Differences in Cognition; Cross Cultural Studies of Perception and Memory; Situated Cognition in Everyday settings.

References:

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

Galotti, K.M. (2014).Cognitive Psychology: In and Out of the Laboratory. New Delhi: Sage.

Riegler, B.R., & Riegler, G.L.R. (2008). Cognitive Psychology: Applying the Science of the Mind. India: Pearson Education.

Jahnke, J.C., & Nowaczyk, R.H. (1998).Cognitive Psychology. NewJersey: Prentice Hall.

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

Reed, K.S. (2000).Cognition: Theory and Applications. California: Wadsworth.

Health Psychology

Unit I

Introduction: Nature, Scope and a Brief History of Health Psychology. The Role of Health Psychologists.

Systems of Body: Nervous System, Endocrine System, Cardio Vascular System, Respiratory System, Renal System, Digestive System, Genitals and Immunity System.

Models of Health: Bio-Psycho-Social and Cultural Models: Health Belief Models.

Unit II

Health Behaviour and Primary Preventions: Determinants of Health Behaviour. Health Enhancement: Modification of Health Behaviour, Changing Health through Beliefs and Attitudes, Social Engineering, Habit Modifications, Exercise, Physical Examination, Weight Control and Diet Control.

Pain and Management: Measurement of Pain, Clinical Management and Pain Control Techniques.

Unit III

Cardio Vascular Disease, Diabetes, Paralysis, Brain Strokes and Hypertension: Symptoms, Causes and Remedies. Type A Behaviour in reference to Diseases.

Stress and Health: Nature and Types of Stress, Causes and Consequences of Stress. Stress Management, Measurement of Stress. Role of Social Support.

Unit IV

Management of Chronic and Terminal Illness: Management of Chronic and Terminal Illness, Coping, Rehabilitation of Chronically Ill, Psychological Interventions.

Health Issues Related to Children, Adolescents, Women and Elderly.

Future Challenges to Health Psychologists.

BOOKS RECOMMENDED:

Bennett, P., Weinman J and Spurgeon, P. (Eds.) (1990). Current Development in Health Psychology. U. K.: Hand Academic Publishers.

Friedman-DiMateo. (1989). Health Psychology. New York: Prentice Hall.

Marks, D. F., Murray, M., Evans, B. and Willing, C. (2000). Health Psychology: Theory, Research and Application, New Delhi: Concept.

Ogden, J. (2000).: Health Psychology – A Textbook. Open University Press.

Mathur, S. S.: Health Psychology. Agra: Vinod Pustak Mandir.

Fundamentals of IT

Objectives: This is a basic paper for Commerce students to familiarize with computer and it's applications in the relevant fields and exposes them to other related papers of IT.

UNIT – I

Introduction to Computers:

The evolution of computers - Computer Generation from First Generation to Fifth Generation, Classifications of Computers - Micro, Mini, Mainframe and Super Computers, Distributed Computer System, Parallel Computers.

Computer Hardware – Major Components of a Digital Computer, Block Diagram of Computer, Input-Output devices, Description of Computer Input Units, Output Units, CPU

Computer Memory - Memory Cell, Memory Organization, Read Only Memory, Serial Access Memory, Physical Devices Used to construct Memories, Magnetic Hard disk, floppy Disk Drives, Compact Disk Read Only Memory, Magnetic Tape Drives.

UNIT – II

Number System:

Decimal, Binary, Octal, Hexa-decimal. Conversion - Decimal to all other number systems, Binary to octal and Hexa Decimal, Addition of binary numbers, Binary subtraction, Use of complements to represent negative numbers, Conversion of a binary fraction to a decimal fraction and decimal to binary fraction, Binary Coded Decimal(BCD), ASCII Codes, EBCDIC codes, Gray codes, Unicodes.

Algorithm and Flowcharts:

Algorithm: Definition, Characteristics, Advantages and disadvantages, Examples

Flowchart: Definition, Define symbols of flowchart, Advantages and disadvantages, Examples

UNIT – III

Computer Software:

System software, assemblers, compilers, interpreters, linkers Elementary , Operating System concepts, different types of operating systems, Application Software.

Introduction to MS Office (MS-Word, MS PowerPoint, MS-Excel)

Computer Programming and Languages: Algorithms, flow chart, decision tables, pseudo code, Low level languages and introduction to high level languages.

UNIT – IV

Data Communication and Computer Networks:

Data Transmission mode, Data transmission media, Digital and Analog Transmission

What is computer Network? Network types, Network Topologies, Communication Protocol, OSI Model

UNIT - V

The Internet:

Definition, Brief History, Network Types (LAN, WAN and MAN), Client and Servers, Intranet, Extranet. Basic Services, Email, File Transfer Protocol, Telnet, Usenet News, Terminologies related to Internet: Protocol, Domain name, IP address, URL, World Wide Web.

Overview of various services on Internet: E-mail, FTP, Telnet, Chat, Instant Messaging

Internet Search Tools: Gopher, Archie, World Wide Web.

WWW Browsers: Line Browsers, Graphical Browsers, Java Enabled Browsers.

Uses of the Internet: Internet Service Providers and Types of Internet Connection: Direct/Leased line Connection, Remote Dial up Connection, SLIP/PPP Connection

Text Books:

1. Alex Leon & Mathews Leon, “Fundamentals of Information Technology”, LeonTechworld, 1999.
2. Vikas Gupta, “Comdex Computer Kit”, Wiley Dreamtech, Delhi, 2004
3. P. K. Sinha & Priti Sinha , “Computer Fundamentals”, BPB Publications, 1992.

Reference Books:

1. V. Raja Raman, “Introduction to Computers”, PHI, 1998.
 2. Alex Leon & Mathews Leon, “Introduction to Computers”, Vikas Publishing House, 1999.
- Norton Peter, “Introduction to computers”, 4th Ed., TMH, 2001.

English-I

Objective: The objective of this course is to familiarize students about the dynamics of business language and discourse.

Unit -I

Texts: (Any Five)

1. Nirendranath Chakrabarti, "Amalkanti". (From oxford Anthology of Modern Indian Poetry, eds. Dharwadkar and Ramanujan).
2. Toru Dutt, "Sita"
3. Jawaharlal Nehru, "Tryst with Destiny".
4. Mirza Ghalib, "Delhi in 1857".
5. C. Rajagopalachari, Preface to the Mahabharata.
6. Nibir K. Ghosh, "Spiritual Nationalism of Sri Aurobindo".
7. Madhumalati Adhikari, "The Heritage of Indian Culture".
8. Rabindranath Tagore, "Where the Mind is Without Fear".
9. Kabir, one song translated by Tagore.
10. M.K. Gandhi, extract from "Satyagraha".
11. R.K. Narayan, "Toasted English".
12. Ruskin Bond, "The Old Lama".
13. Khushwant Singh, "The Portrait of a Lady".
14. Ashok Mahadevan and Sushan Shetty, "Discovering Babasaheb", Section on "Clash of Titans" (Reader's Digest, December 2006).

Unit -II

Comprehension of an unseen passage:

Questions should be objective/multiple choice, and should test (a) an understanding of the passage in question, and (b) a grasp of general language skills and issues with reference words and usage within the passage.

Unit -III Paragraph

Writing:

Based on expansion of an idea. Word Limit :100-150 words. Candidates to attempt any one of three alternative topics provided

Unit -IV

Basic language skills-Vocabulary:

Synonyms, antonyms, one- word substitution for phrases, prefixes, suffixes and word -derivation. Making sentences with idioms and phrases, corrections of sentences with words likely to be confused. Questions should not repeat examples or exercises given in the textbook.

Unit -V

Basic language skills - Grammar and Usage:

Modals, linking device, tenses and prepositions. Verb forms and structures, gerunds, participles and infinitives, verbs followed by a preposition and phrasal verbs, articles and determiners, countable and uncountable nouns, adjectives and articles. Questions should not repeat the examples or exercises given in the textbooks

Hindi- I

आधार पाठ्यक्रम

प्रश्न पत्र - प्रथम

पाठ्य विषय

इकाई-1 पल्लवन, पत्राचार तथा अनुवाद एवं पारिभाषिक शब्दावली ।

इकाई-2 मुहावरे-लोकोक्तियाँ, शब्दशुद्धि, वाक्य शुद्धि, शब्द ज्ञान-पर्यायवाची, विलोम, अनेकार्थी, समश्रुत (समानोचरित) अनेक शब्दों के लिए एक शब्द ।

इकाई-3 देवनागरी लिपि की विशेषता, देवनागरी लिपि एवं वर्तनी का मानक रूप ।

इकाई-4 कम्प्यूटर में हिन्दी का अनुप्रयोग, हिन्दी में पदनाम ।

इकाई-5 हिन्दी अपठित, संक्षेपण, हिन्दी में संक्षिप्तीकरण ।

पाठ्य क्रम के लिए पुस्तकें -

- | | | |
|--------------------------------------|---|--------------------------------------|
| 1. भारतीयता के स्वर साधन धनंजय वर्मा | - | म. प्र. ग्रंथ अकादमी । |
| 2. नागरी लिपि और हिन्दी | - | अनंत चौधरी - ग्रंथ अकादमी पटना । |
| 3. कम्प्यूटर और हिन्दी | - | हरिमोहन - तक्षशिला प्रकाशन, दिल्ली । |

Fundamentals of IT LAB

1. Text Manipulations
2. Usage of Numbering, Bullets, Tools and Headers
3. Usage of Spell Check and Find and Replace
4. Text Formatting
5. Picture Insertion and Alignment
6. Creation of Documents Using Templates`
7. Creation of Templates
8. Mail Merge Concept
9. Copying Text and Picture From Excel
10. Creation of Tables, Formatting Tables
11. Splitting the Screen
12. Opening Multiple Document, Inserting Symbols in Documents

MS-EXCEL

1. Creation of Worksheet and Entering Information
2. Aligning, Editing Data in Cell
3. Excel Function (Date, Time, Statistical, Mathematical, Financial Functions)
4. Changing of Column Width and Row Height (Column and Range of Column)
5. Moving, copying, Inserting and Deleting Rows and Columns
6. Formatting Numbers and Other Numeric Formats
7. Drawing Borders Around Cells
8. Creation of Charts Raising Moving
9. Changing Chart Type
10. Controlling the Appearance of a Chart

MS -POWER POINT

Working With Slides

1. Creating, saving, closing presentation
2. Adding Headers and footers
3. Changing slide layout
4. Working fonts and bullets
5. Inserting Clip art: working with clipart,
6. Applying Transition and animation effects
7. Run and Slide Show

DOS

1. Basics of DOS
2. DOS (Internal & External Commands)
3. Use of Wild Card Character

Year-2

Applied Psychology

Unit-1

Its Nature , Etiology , detection and Prevention

Unit-2

Guidance

Guidance programme in India, its nature objectives and types

Unit-3

Morale and Job satisfaction:

Their Importance in Industry, factors affecting Morale and Job Satisfaction, Measurement of Morale

Unit-4

Fatigue:

Its nature , types causes and Elimination

Unit-5

Factors affecting Industrial efficiency

Illumination

Ventilation

Noise

Temperature

Hours of Work

References: -

1. Bayne and Horton , Applied psychology, Sage Publications , 2003
2. Weiten and Lloyd, Psychology applied to Modern Life and Adjustment in 21st Century, Thomas Wadsworth Publications, 2004
3. Sharma, R, Applied Psychology, Atlantic Publications, 2009
4. Bachav, A. M, Applied Psychology, Chandralok Prakashan, 2012

Environmental Psychology

Unit I

Environmental Psychology: Nature and Characteristics; Classification of Environment. Indian Perspective on Human-environment Relationship.

Theories Of Environment - Behavior Relationship: Arousal, Environmental Load, Adaptation Level and Ecological Approach.

Research Methods in Environmental Psychology: Experimental, Simulation, Correlational and Descriptive; Methods of Data Collection: Self-report, Naturalistic Observation, Field Survey, Interview and Questionnaire.

Unit II

Ecology and Development: Human Nature and Environmental Problems; Prosocial and Pro-environmental Behaviours, Ecosystems and Their Components: Ecology, Demography, Mortality and Fertility. Resource Use: Common Property Resources, Sustainable Developments, Acculturation and Psychological Adaptation.

Environmental Stress: Nature and Characteristics. Types of Stress: Natural Disasters, Technological Catastrophe, Noise and Air-pollution.

Unit III

Environmental Perception, Cognition and Attitudes: Nature and Characteristics of Environmental Perception: Social and Cultural Influences. Environmental Cognition and Cognitive Mapping. Acquisition of Environmental Attitudes.

Effect of Environment on Behavior: Personal Space and Territoriality: Nature Functions and Determinants of Personal Space, Consequences of Personal Space Invasion Territoriality Functions and Types.

Unit IV

Crowding: Nature and Characteristics, Features and Effects of Crowding on Animals and Human Beings.

Environmental Psychology and Saving the Environment: Environmental Education, Prompts and Reinforcement Techniques in Indian Context.

BOOKS RECOMMENDED:

Bell, P. A., Greene, T. C., Fisher, J. D. and Baum, A. (2001). Environmental Psychology (Vth Edition). USA: Wadsworth Group / Thomson learning, 10 Davis Drive Belmont CA.

Goldsmith, E. (1991). The Way; The Ecological World – View. Bostone; Shambala

Ittelson W. H., Proshansky, H. M., Rilvin, E. G., Winkel, G. H. and Dempsey, D. (1974). An Introduction to Environmental Psychology. New York: Holt Rinehart and Winston.

Jain, U. (1987). The Psychological Consequences of Crowding. New Delhi: Sage.

Emergence and Growth of Psychology

UNIT 1:

Basic Issues in Psychology

Each of the issues to be dealt with from the point of view of an East-West Comparison

- a) Issues of Consciousness and Mind Body Relationship
- b) Issue of Determinism and Free Will
- c) Issue of Empiricism and Rationality
- d) Methodological Issues: Introspection to Experimentation to Clinical Approach & Phenomenology
{Note: Eastern perspective will include Yoga & Vedantic view }

UNIT 2:

Positivist Thrust: Behaviourism to Cognition

- ☐ Developments in behaviourism & neo behaviouristic traditions (a comparison) & the movement towards cognitive psychology.
- ☐ Detailed treatment of particular thinkers within behaviourism & neobehaviourism is not needed.

UNIT 3:

Analytical-Existential Thrust 10 Marks

- a) Classical Psychoanalysis: Freud, Adler and Jung
- b) Ego Psychology: Erikson
 - ☐ Each of these theorists in a) & b) to be covered in some detail
- c) Object Relations
- d) Humanistic & Existential Consciousness: Coming back a full circle
 - ☐ Detailed treatment of particular thinkers in c) & d) is not needed.

UNIT 4:

Overview of Contributions to the Growth of Psychology

- ☐ Contributions of Behaviourism, Gestalt (including Lewin), Cognitive, Psychoanalytic, Humanistic, Existential thinkers & the Eastern thought to the Discipline of Psychology.

Reading List:

- Leahey, T.H. (2005). A History of Psychology: Main currents in psychological thought (6th Ed.). Singapore: Pearson Education.
- Paranjape, A.C. (1984). Theoretical psychology: The meeting of east and west. NY: Plenum Press.
- Lawson, R.B, Graham, J.E. & Baker, K.M. (2009). History of psychology: Globalization, ideas and applications. Delhi: Dorling Kindersley (India), Pearson Education .

Environmental Science

Unit-1

Diversities of lifeforms- Concept of taxonomy, systematic and classification with respect to plant kingdom, animal kingdom and microbial world.

Unit-2

Fundamental of chemical equilibrium and reaction kinetics -Stoichiometry, chemical equilibrium, thermodynamics application in reaction process (both chemical and biological process), acid base reaction, solubility products, bioinorganic complexes and their importance.

Unit-3

Radiation Physics-Electromagnetic radiation characteristics and its biological effects, radioactivity-source, characteristics, and impacts, radiation in diagnosis and therapy of diseases, radioisotopes and radionuclide in biological systems

Unit-4

Tropical monsoon-causes, and impacts, impacts of climate change on tropical monsoon

Unit-5

Noise Pollution- source of noise, distinction between sound and noise, noise impacts, noise monitoring and control strategies

REFERENCE

- a) Agarwal, K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner.
- b) Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad – 380 013, India, Email:mapin@icenet.net (R)
- c) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
- d) Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)
- e) Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publ. House, Mumabai, 1196p
- f) De A.K., Environmental Chemistry, Wiley Eastern Ltd.
- g) Down to Earth, Centre for Science and Environment (R)
- i) Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay (R)
- .k) Jadhav, H & Bhosale, V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284 p.
- l) Mckinney, M.L. & School, R.M. 1996. Environmental Science systems & Solutions, Web enhanced edition. 639p.

English -II

Unit-I (Any Five)

1. Walt Whitman – O Captain! My Captain!
2. George Orwell – What is Science
3. J. Bronowski - The Dilemma of The Scientist
4. Will Durant – The Origin of Science
5. Somerset Maugham – The Luncheon
 - Henry The Last Leaf
6. Major Ancient Indian Scientist Adopted
7. C.P Snow- Ramanujan
8. Aldous Huxley – J.C.Bose
9. Human Rights
10. R.K Narayan – The Axe
11. Dr. C.V Raman - Water
12. Robert Frost – stopping by Woods on a Snow evening
13. Dr. Yashodhara Mishra – Understanding Gender issues.

Unit-II

Comprehension of an unseen passage question should be objective/Multiple - choice and should test (a) an understanding of the passage in question, and (b) a group of general language skills and issues with Reference Word and usage Within the passage.

Unit-III

Paragraph Writing: - Based on expansion word limit 100-150 words. Candidates to attempt any one of three alternative topics provided.

Unit-IV

Basic language Skill-Vocabulary Synonyms Antonyms one word Substitution of Phrases, Prefixes, Suffixes and word Derivation making Sentence With Idioms and Phrases Corrections of Sentence With Words Likely to be Confused Question Should not repeat the Examples Or exercises given in the text book

Unit-V

Basic language Skill- Grammar and Usage modals linking devices, tenses, and preposition verb forms Structures Gerunds Participles and infinitive, verbs followed by a preposition and phrasal verbs, articles and determines Countable and uncountable nouns adjectives, and adverbs. Questions Should not repeat the example exercise given in the text book

Hindi -II**भाग - दो, आधार पाठ्यक्रम
(हिन्दी भाषा)**

खण्ड-क निम्नलिखित 5 लेखकों के एक-एक निबंध पाठ्यक्रम में सम्मिलित होंगे -

- | | |
|------------------------|----------------------------|
| 1. महात्मा गांधी | - सत्य और अहिंसा |
| 2. विनोबा भावे | - ग्राम सेवा |
| 3. आचार्य नरेन्द्र देव | - युवकों का समाज में स्थान |
| 4. वासुदेव शरण अग्रवाल | - मातृ-भूमि |
| 5. भगवतशरण उपाध्याय | - हिमालय की व्युत्पत्ति |
| 6. हरि ठाकुर | - डॉ. खूबचंद बघेल |

खण्ड-ख हिन्दी भाषा और उसके विविध रूप

- कार्यालयीन भाषा
- मीडिया की भाषा
- वित्त एवं वाणिज्य की भाषा
- मशीनी भाषा

खण्ड-ग अनुवाद व्यवहार : अंग्रेजी से हिन्दी में अनुवाद

हिन्दी की व्यवहारिक कोटियाँ-

रचनागत प्रयोगगत उदाहरण, संज्ञा, सर्वनाम, विशेषण, क्रिया विशेषण, समास, संधि एवं संक्षिप्तियाँ, रचना एवं प्रयोगगत विवेचन ।

Year-3

Social Psychology

UNIT-I

Nature and scope of social psychology, methods and their applications, experimental method, observation Survey and fields studies

UNIT-II

Understanding of self and others: self-perception, perception of others: Attribution process. **Attitudes**: attitude formation measurement and attitude change

UNIT-III

Group influences on individual behavior: Group structure and functions; effects on individual performance, facilitation inhibition group norms and conformity; Leadership behavior

UNIT-IV

Group harmony & conflict: Basic concepts stereotypes prejudices discrimination co-operation and competition inter group conflict reducing group conflict **Socialization**: Social learning socio-cultural and environmental influences on personality and social behavior.

Mass behavior: Crowd public opinion propaganda psychology of fashion.

Reading List:

Baron. R.A. , Byrne, D.& Bhardwaj. G (2010).Social Psychology (12th Ed).New Delhi: Pearson
Deaux.K & Wrightsman, L. (2001).Social Psychology. California: Cole Publishing
Misra, G. (1990) .Applied Social Psychology. New Delhi: Sage.
Misra, G. (2009). Psychology in India, Volume 4: Theoretical and Methodological Developments (ICSSR survey of advances in research). New Delhi: Pearson.
Taylor,S.E., Peplau,L.A. & Sears,D.O. (2006). Social Psychology (12th Ed). New Delhi: Pearson.

Statistical Methods for Psychological Research

UNIT 1

1. Introduction to Statistical Inference: Testing Hypotheses about Single Means (z and t)

- a. Testing a Hypothesis about a Single Mean
- b. The Null and Alternative Hypotheses
- c. Retention and Rejection of Null Hypothesis
- d. Procedural Steps for Hypothesis Testing
- e. Hypothesis Testing about a Single Mean – Calculation
- f. The Statistical Decision
- g. Choice of H_A : One-Tailed and Two-Tailed Tests
- h. Assumptions in Testing a Hypothesis about a Single Mean
- i. Estimating the Standard Error of the Mean when σ Is Unknown
- j. The t Distribution
- k. Characteristics of Student's Distribution of t
- l. Computing t Using Definitional Formula Only
- m. Levels of Significance versus p-Values

2. Interpreting the Results of Hypothesis Testing

- a. A Statistically Significant Difference versus a Practically Important Difference
- b. Errors in Hypothesis Testing
- c. The Power of a Test

UNIT 2

3. Testing Hypotheses about the Difference between Two Independent Groups

- a. The Null and Alternative Hypotheses
- b. The Random Sampling Distribution of the Difference between Two Sample Means
- c. Properties of the Sampling Distribution of the Difference between Means
- d. Determining a Formula for t
- e. Testing the Hypothesis of No Difference between Two Independent Means
- f. Use of a One-Tailed Test
- g. Assumptions Associated with Inference about the Difference between Two Independent Means

4. Testing for a Difference between Two Dependent (Correlated) Groups

- a. Determining a Formula for t
- b. Degrees of Freedom for Tests of No Difference between Dependent Means
- c. Testing a Hypothesis about Two Dependent Means using the formula involving standard errors and correlation only
- d. Assumptions When Testing a Hypothesis about the Difference between Two Dependent Means

UNIT 3

5. Chi-Square and Inference about Frequencies

- a. The Chi-Square Test for Goodness of Fit
- b. Chi-Square as a Measure of Discrepancy between Expected and Observed Frequencies
- c. The Logic of the Chi-Square Test
- d. Interpretation of the Outcome of a Chi-Square Test
- e. Assumptions in the Use of the Theoretical Distribution of Chi-Square

- f. Chi-Square as a Test for Independence between Two Variables
- g. Calculation of Chi-Square and Determination of Significance in a Contingency Table
- 6. Testing for Differences among Three or More Groups: One-Way Analysis of Variance**
 - a. The Null Hypothesis
 - b. The Basis of One-Way Analysis of Variance: Variation within and between Groups
 - c. Partition of the Sums of Squares
 - d. Degrees of Freedom
 - e. Variance Estimates and the F Ratio
 - f. The Summary Table
 - g. Raw-Score Formulas for Analysis of Variance only
 - h. Comparison of t and F
 - i. Assumptions Associated with ANOVA

UNIT 4

7. Some (almost) Assumption-Free Tests (Nonparametric Tests)

- a. Concept
- b. Comparison with Parametric Tests
- c. Uses and Applications
- 8. Introduction to SPSS**
 - a. What is SPSS?
 - b. Uses of SPSS in Statistics and Research

Reading List:

Aron, A., Aron, E.N., & Coups, E.J. (2007). *Statistics for Psychology* (4th Ed). India: Prentice Hall .

Coakes, S. J., Steed, L., & Ong, C. (2009). *SPSS: Analysis Without Anguish Using Version 16.0 for Windows*. Milton, QLD: Wiley Students Edition.

Field, A. (2009). *Discovering Statistics using SPSS* (3rd Ed). New Delhi :Sage.

King, B.M. & Minium, E.W. (2007). *Statistical Reasoning in the Behavioral Sciences* (5th Ed). USA: John Willey.

Siegal, S. (1956). *Nonparametric Statistics*. NY: McGraw Hill.

Educational Psychology

UNIT I:

INTRODUCTION

Definition and meaning, Education & Educational psychology, History, Nature, Scope, and functions

UNIT II:

LEARNERS WHO ARE EXCEPTIONAL

Who are children with disabilities?(Sensory and physical disorders, mental retardation, speech and language disorders, learning disabilities, attention deficit hyperactivity disorder, emotional and behavioral disorders). Educational issues involving children with disabilities, Children who are gifted.

UNIT III:

SOCIAL CONSTRUCTIVIST APPROACH

Social constructivist approach to teaching, teachers and peers as joint contributors to student's learning, structuring small group work, social constructivist programs.

UNIT IV:

MOTIVATION, TEACHING, AND LEARNING

Exploring motivation, Motivation to achieve, Motivation, relationships and socio-cultural contexts, Hard-to-reach and low-achieving students.

UNIT V:

MANAGING THE CLASSROOM

Why classrooms need to be managed effectively, Designing the physical environment of the classroom, Creating a positive environment for learning, Being a good communicator, Dealing with problem behaviors.

REFERENCES:

- Santrock, John W. (2006) Educational Psychology, 2nd edition, Tata McGraw-Hill publishing company limited, New Delhi, India.
- Mangal, S.K. (2006) Essentials of Educational Psychology, edition, Prentice Hall of India, New Delhi, India.

Abnormal Psychology

UNIT-I

Historical development of Abnormal Psychology concept of normality and abnormality criteria for differentiating between normality and abnormality: Statistical cultural and clinical.

UNIT-II

Etiology of Abnormal Behavior Biological Psychogenic and sociogenic factors, **Psychoneuroses:** Symptoms and treatment of anxiety neuroses; obsessive compulsive neuroses, phobias, phobias, hysteria,

UNIT-III

Psychoses:

Functional Psychoses: Schizophrenia manic-depressive psychosis, paranoid psychosis. b) Organic Psychoses: Infectious Toxic and due to tumours Mental deficiency –clinical types etiology and treatment Psychotherapy: Aims and objectives main forms of psychotherapy. Preventive measures and mental health programmes

Reading List:

Ahuja N. (2011). A Short Textbook of Psychiatry (7th Ed). New Delhi: Jaypee
Barlow D.H. and Durand V.M. (2005). Abnormal Psychology: An Integrated Approach (4th Ed.).Wadsworth: New York.
Carson R.C., Butcher J.N., Mineka, S., & Hooley J.M. (2007). Abnormal Psychology (13th Ed.).ND: Pearson Education.
Kring,A.M.,Johnson,S.L.,Davison G.C. & Neale J.M. (2010). Abnormal Psychology (11th Ed.).NY: John Wiley.

Industrial And Organizational Psychology

UNIT-I

INTRODUCTION

Definition, goals, key forces, fundamental concepts,
History of Industrial and Organizational Psychology
Related fields - O.B., H.R.M, and O.D.

UNIT-II

SELECTION, TRAINING AND PERFORMANCE APPRAISAL

Job analysis – Definition, need for Job analysis
Selection: Definition, Processes - Interviews and psychological Tests
Training: Definition, Techniques – On the Job and off the Job
Performance Appraisal: Definition, need, Methods of Performance Appraisal – Objective, judgmental and performance appraisal for managers

UNIT-III

MOTIVATION, INCENTIVES AND LEADERSHIP

Motivation – Definition, theories – Maslow's and Herzberg's
Incentives – Definition. Types – financial and non financial incentives
Leadership –Definition. Different Leadership styles

UNIT-IV

ATTITUDES, JOB SATISFACTION, PERSONALITY AND VALUES

Attitudes – components, Job attitudes, Importance of Attitudes in work place diversity
Job satisfaction – Factors, Impact of Job satisfaction and dissatisfaction in the work place
Personality–Personality attributes influencing organizational Behaviour.
Values: Types, Linking Individual's Personality and Values in the work place.

UNIT-V

ISSUES RELATED TO WORK PLACE AND WORK AGGRESSION

Concept of stress, role of Personality in stress – Type A personality, Hardy Personality.
Primary source of stress – Organizational Sources of Stress, life stressors.
Impact of stress – Impacts on health, performance, Job burnout.
Managing stress – Individual practice, Organizational practice.
Work place aggression, Work place bullying, sexual harassment, work place violence.

REFERENCE BOOKS:

1. Blum, M.L. and Naylor, J.C 'Industrial Psychology', CBS Publishers and Distributors. New Delhi, 1984
2. Newstrom, J.W. & Davis, K., 'Organizational Behaviour- Human Behaviour At Work', Tata McGraw-Hill Pub.Co.Ltd. New Delhi, 1998
3. Mohanty, G., 'Industrial Psychology and Organizational Psychology', Kalyani Publishers, Ludhiana
4. Schultz, D.P. and Schultz E.S., 'Psychology and Work Today', 6th Edition, Mac Milan Publishing Co., New York.
5. Miner, J.B Industrial Organizational Psychology, McGraw Hill Inc., New York, Harrell, 1992
6. Ghosh and Ghorpade 'Industrial Psychology. Himalaya publishing house, 2002.
7. John W. Slocum and Don Hellriegel,'Fundamentals of Organizational Behaviour' Thomson publishing, India edition.
8. Stephen P. Robbins and Timothy A. Judge (12th Edition) 'Organizational Behaviour' Prentice hall India.

English -III

Unit-1 Essay type answers in about 200 words. Four essay types question to be asked and two be attempted.

Unit-2 Writing skills for composition- Essay writing.

Unit-3 Précis writing.

Unit-4 (a) reading comprehension of an unseen passages.

(b) Vocabularye based on text.

Unit-5 Grammar: Advanced Exercises.

Note- Question on unit I and IV (b) shall be asked from the prescribed text. Which will comprise of popular creative writings and the following items.

Minimum needs: Housing and transport, Geo-economic profile of C.G. of education and culture, Women empowerment , Management of change (Physical quality of life) . War and human survival. The question of human social value, new Economic philosophy recent liberalization methods democratic decentralization (with reference to 73, 74 constitutional amendment.)

Hindi -III

हिन्दी भाषा

।। सम्प्रेषण कौशल, हिन्दी भाषा और सामान्य ज्ञान ।।

- इकाई - 1 (क) भारत माता : सुमित्रानंदन पंत, परशुराम की प्रतीक्षा : रामधारी सिंह दिनकर, बहुत बड़ा सवाल : मोहन राकेश, संस्कृति और राष्ट्रीय एकीकरण : योगेश अटल ।
(ख) कथन की शैलियाँ : रचनागत उदाहरण और प्रयोग ।
- इकाई -2 (क) विकासशील देशों की समस्याएँ, विकासात्मक पुनर्विचार, और प्रौद्योगिकी एवं नगरीकरण ।
(ख) विभिन्न संरचनाएँ ।
- इकाई - 3 (क) आधुनिक तकनीकी सभ्यता, पर्यावरण प्रदूषण तथा धारणीय विकास ।
(ख) कार्यालयीन पत्र और आलेख ।
- इकाई - 4 (क) जनसंख्या : भारत के संदर्भ में और गरीबी तथा बेरोजगारी ।
(ख) अनुवाद ।
- इकाई - 5 (क) ऊर्जा और शक्तिमानता का अर्थशास्त्र ।
(ख) घटनाओं, समारोहों आदि का प्रतिवेदन और विभिन्न प्रकार के निमंत्रण-पत्र ।

