

BABASAHEB BHIMRAO AMBEDKAR

BIHAR UNIVERSITY

MUZAFFARPUR



COURSES OF STUDY

FOR

M.A. 2ND SEMESTER EXAMINATION

PSYCHOLOGY

FROM : .....

PPS  
20-3-19  
20-3-19

20-03-19

20-03-19

20/03/19

Head  
Univ. Dept. of Psychology  
E.P.A.S.

## M. A.(Psychology) Syllabus under CBCS for the Universities of Bihar

Semester	Course Code	Name of Paper	Marks	Marks of CIA	Marks of ESE	Passing Criteria	Qualifying Criterion
2nd	CC-3	COGNITIVE PSYCHOLOGY	100	30	70	40% marks in CIA 40% marks in ESE	Marks decide class/ CGPA
	CC-4	NEUROPSYCHOLOGY	100	30	70	40% marks in CIA 40% marks in ESE	Marks decide class/ CGPA
	CC-7	PSYCHOPATHOLOGY	100	30	70	40% marks in CIA 40% marks in ESE	Marks decide class/ CGPA
	CC-8	STATISTICS FOR PSYCHOLOGY	100	30	70	40% marks in CIA 40% marks in ESE	Marks decide class/ CGPA
	CC-9	PSYCHOLOGICAL ASSESSMENT	100	30	70	40% marks in CIA 40% marks in ESE	Marks decide class/ CGPA
	AFC-1		100	30	70	40% marks in CIA 40% marks in ESE	Qualify

### SEMESTER-II

#### 5. COGNITIVE PSYCHOLOGY

##### Course Contents

##### UNIT- 1

Cognitive psychology: Origin and current status. Attention and perception: nature and theories of selective attention, sustained attention, nature, determinants and theories, subliminal perception; Perceptual organization, Time Perception : Fourth Dimension, Pattern Recognition : Bottom up and Top Down Approach, Perceptual Learning, Depth Perception.

##### UNIT-2

Memory Processes: Sensory Memory, Short Term and Long Term Memory- types, coding and retrieval; working memory, Forgetting: Incidental and Motivated Forgetting; Applications: Everyday memories; Autobiographical memory; Flashbulb memory, improving memory.

##### UNIT-3

Thinking and problem solving: types of thinking, Components of thinking: images, concepts.

##### UNIT-4

Decision Making: Models and Theories; Complex, Uncertain Decision Making; Human Problem Solving: Strategies and Heuristics; Artificial Intelligence.

##### RECOMMENDED BOOKS:

Babboley, A., Eysenck, M.W., & Anderson, M.C.(2015). Memory. New York:Psychology Press.  
Chance,P.(1988).Learning and Behaviour. California: Wadsworth.

Prashant  
30-05-19  
Rishabh  
30-05-19

Leharan  
30-05-19

Abhinav  
30-05-2019

Head  
Univ. Dept. of Psychology  
P. U. Bihar

Bernstein, D.A., Penner, L.P., Clarke-Stewart, E.J. (2008). *Psychology* (8th Ed.). N.Y.: Houghton Mifflin Smith, E. E. & Koslyn, S. M. (2007) *Cognitive Psychology Mind and Brain*. Prentice – Hall of India Private Limited.

Kellog, R.T. (2007). *Fundamentals of Cognitive Psychology*, Sage Publication, New Delhi.

Matlin, M. W. (2006). *Cognition*, John Wiley & Sons, Inc. U.S.A.

Baron, R. (2004) *Psychology*. New Delhi: Prentice – Hall of India.

## 6. NEURO PSYCHOLOGY

### COURSE CONTENTS:

#### UNIT - 1:

Brain, Mind and Behavior: Emerging research areas in Neuropsychology; Methods of Investigating Brain: Electrophysiological procedures; Neuro-imaging techniques; Function of cortex, Neuro-endocrine system.

#### UNIT - 2:

Neuropsychological deficits in stroke, head injury, tumors, epilepsy

#### UNIT-3:

Frontal lobe syndrome: Neuropsychology of motivation, Neuro physiological base of learning and memory, speech and hearing disturbances.

Parietal lobe syndrome: Coma and altered consciousness Disturbance of visual, memory, reading and writing disturbances.

#### UNIT-4:

Occipital lobe syndrome: Visual Theory, Disturbance of visual Perceptions

Temporal Lobe Syndrome: Hearing Theory, Disturbances of hearing and Vestibular functions

### RECOMMENDED BOOKS

Hollman, K.M. & Valenstein, E. (1993). *Clinical Neuropsychology*. New York: Oxford University Press.

Koff, B., & Winslow, J.Q. (1990). *Fundamentals of human Neuropsychology*. New York: Freeman, W.H

Gupta, Adnan (2006). *Cognitive rehabilitation: A multimodal approach*. *Journal of Indian Health Psychology*, 1 (1), 98-106.

Pinsel, J.P. (2006). *Biopsychology*. Pearson Education, Inc.

Singh, A.K. *Nero Manovigyan*, Patna: MotilalBanarsidas

## 7. PSYCHOPATHOLOGY

### UNIT 1

Psychopathology: Nature, Historical background, Perspectives-Biological and Psychological. Classification: DSM system of classification: DSM-5; ICD-10.

## UNIT-2

Anxiety and Obsessive Disorders: GAD, Panic, Specific phobia, OCD, PTSD. Dissociative Disorders: Dissociative identity disorder, Dissociative amnesia, Dissociative depersonalization; Sleep and eating disorders.

## UNIT-3

Somatoform Disorders: Somatization disorder, Illness anxiety disorder, Body dysmorphic disorder, Conversion disorder. Bipolar and related disorders: Bipolar I disorder, Bipolar II disorder.

## UNIT-4

Schizophrenia and Delusional Disorders: Clinical picture, Etiology and Treatment approaches. Substance Use Disorders: Alcohol abuse and dependence, Drug abuse and dependence, Personality disorders.

### RECOMMENDED BOOKS:

Adams P.B. and Sulzer, H.E. (2001) *Comprehensive Handbook of Psychopathology*.

Third edition, NY: Springer.

Carson, R.C. & Butcher, J. N. (2016). *Abnormal Psychology*. Pearson, New Delhi

Hersen, M and Beidel, D (2012) *Adult psychopathology and diagnosis*, 6th edition, NY: Wiley.

Sadock B.J. and Sadock V.A.(2007) *Kaplan and Sadock's Synopsis of Psychiatry*, 10th edition. P: Lipincott, Williams and Wilkins.

## B. STATISTICS FOR PSYCHOLOGY

### COURSE CONTENTS

#### UNIT I

- Distributions: discrete distributions; continuous distributions, jointly distributed random variables.
- Inference: estimation theory, statistical hypothesis testing, types of errors.
- Normal Probability Curve and Deviation (Skewness and Kurtosis)

#### UNIT II

- Correlation Statistics: Product Moment; Rank Order; Biscerial; point-biscerial, phi-coefficient.
- Inferential Statistics: t-test;

#### UNIT -III

- ANCOVA (One way & two ways)
- Chi square
- Mann-Whitney U-test.

#### UNIT - IV.

Multiple Regression and Factor Analysis using Software Packages

- Multiple Regressions: basic concepts, methods and uses
- Factor Analysis: basic concepts, methods of extraction and methods of rotation.

#### RECOMMENDED BOOKS:

Howell, D. (2009). *Statistical Methods for Psychology* (7th ed.). Wadsworth.

Wilcox R. R. (2009). *Basic Statistics: Understanding Conventional Methods and Modern Insights*. NY: OUP.

Minimum, E. W., King, B. M., & Bear, G. (2001). *Statistical reasoning in psychology and education*. Singapore: John-Wiley.

Aron & Aron (2008). *Statistics for Psychology* (5th ed). New Delhi: Pearson

#### 9. PSYCHOLOGICAL ASSESSMENT

##### Applications and Report Writing in Practice

##### UNIT - 1:

Introduction to Psychological Assessment: Meaning of Psychological Assessment, Types of test, scale, batteries, Ethical and Professional standards for tests, report writing.

##### UNIT - 2:

Assessment of ability and aptitude: Assessment of intelligence - WAIS; Assessment of aptitude, achievement and interest: Differential Aptitude Test.

##### UNIT - 3:

Assessment of Personality: MBTI, CPP, RT, TAT, Big Five personality Test

##### UNIT - 4:

Assessment in other related areas: Emotional Intelligence Test, Well-being scale.

#### RECOMMENDED BOOKS:

Garret, H.E (1951): *Class Experiments in Psychology*, New York: Appleton- Century Crafts, Inc Third Edition

Kapanyan, B. (1954) *Elementary Experiments in Psychology*, Madras: Oxford University Press

Anastasi, A. & Urbina, S. (2009). *Psychological Testing*. Prentice Hall, New Delhi.

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Head  
Univ. Dept. of Psychology  
B.R.A.U. Muz.