

## Semester II

Paper		Total Marks		Distribution of marks mid and end semester			
		FM	PM	Mid-semester		End-semester	
				FM	PM	FM	PM
Bio - Psychology	C.C-3.T	75	40%	20% of total marks	40%	80% of total marks	40%
Educational Psychology - I	C.C-4.T	75	40%	20% of total marks	40%	80% of total marks	40%
Practical - I	C.C-3&4P	50	40%	20% of total marks	40%	80% of total marks	40%
*Abnormal Psy	GE-2.T	75	40%	20% of total marks	40%	80% of total marks	40%
*Practical - II	GE-2P	25	40%	20% of total marks	40%	80% of total marks	40%
AECC-2	AECC-2	50	40%	20% of total marks	40%	80% of total marks	40%

**\* Not for Psychology Honours students.**

Psychology Honours students will choose G.E. of any one of the following subjects.

- (i) History.
- (ii) Geography.
- (iii) Political Science.
- (iv) Economics.
- (v) Anthropology.
- (vi) Sociology.

## **Biopsychology**

*Time: 3 Hours*

*Full Marks: 60  
(for end semester)*

*Eight questions of equal value (i.e. 15 marks each) will be set, out of which four questions are to be answered. Question no.1 will be compulsory comprising 15 objective type questions covering the entire syllabus.*

### **Unit I : Introduction to biopsychology**

- (a) Nature.
- (b) Scope.
- (c) Methods.

### **Unit 2: The functioning of brain:**

- (a) Structure.
- (b) Functions of neurons.
- (c) Neural conduction.
- (d) Synaptic transmission.
- (e) Organization of nervous systems.

### **Unit 3. Behavioral regulations:**

- (a) Biological basis of learning.
- (b) Biological basis of memory.
- (c) Hormones.
  - (i) Thyroid gland.
  - (ii) Parathyroid gland.
  - (iii) Pancreas gland.

#### **Unit 4.      Emotionality:**

- (a)    Role of hypothalamus in emotionality.
- (b)    James-Lange theory of emotion.
- (c)    Cannon-Bard theory of emotion.

#### **Reading List**

Breedlove, S. M., Rosenzweig, M. R. and Watson, N. V. (2007). *Biological Psychology: An introduction to behavioral, cognitive, and clinical neuroscience* (5<sup>th</sup> Edition). Sunderland, Massachuset.

Carlson, N. R. (2009) *Foundations of Physiology* (6<sup>th</sup> Edition). New Delhi: Pearson Education.

Pinel, J. P. (2011). *Biopsychology* (8<sup>th</sup> Edition). New Delhi: Pearson Education.

Singh, A.K. (2014). *Neuro-psychology*. Patna: Motilal Banarsidas.

Levinthel, Charies F. (1990). *Introduction to Psychological Psychology*. New Delhi: Prentice Hall of India.

## **Educational Psychology - I**

*Time: 3 Hours*

*Full Marks: 60  
(for end semester)*

*Eight questions of equal value (i.e. 15 marks each) will be set, out of which four questions are to be answered. Question no.1 will be compulsory comprising 15 objective type questions covering the entire syllabus.*

### **Unit 1: Educational Psychology:**

- (a) Concept.
- (b) Aims.
- (c) Scope.
- (d) Significance.

### **Unit 2: Education for special children:**

- (a) Concept.
- (b) Adjustment.
- (c) Education of mentally retarded children.

### **Unit 3: Educational technology and programmed learning:**

- (a) Meaning.
- (b) Importance.
- (c) Nature of programmed learning.
- (d) Skinner view points of programmed learning.

### **Unit 4: Class room Management:**

- (a) Ecology of Classroom.
- (b) Social psychology of classroom.
- (c) Discipline.

(d) Communication.

### **Reading List**

Divesta and Thompson (1985). Educational Psychology. New York: Appleton-Centry.

Fraudsem, AN (1961). Educational Psychology. New York Mc Graw Hill.

Lindgren, H. (1976). Educational Psychology in the Classroom. Hong Kong : John Willey.

Rao, S. Narayan (2002). Educational Psychology. New Delhi: New Age International (P) Limited Publishers.

S. S. Chauhan (1984). Advanced Educational Psychology. New Delhi: Vikas Publishing House Pvt. Ltd.

Skinner, CE (2002) Educational Psychology. New Delhi: Prentice Hall of India Ltd.

Suleman, Md. and Sinha, R.K. (2005). Uchchtar Shiksha Manovigyan. Patna; Motilal Banarsidas. (In Hindi).

Singh, AK (2007). Shiksha Manovigyan. Patna: Bharti Bhawan. (In Hindi)

## **Practical**

*Time: 4 hours*

*Full Marks: 40  
(for end semester)*

*Marks distribution; experiment – 15 each viva-voce- 5 N. B- 5*

*Four questions will be set out of which candidates be required to answer two questions.*

### **Test of Intelligence :**

1. Alexander's test Battery of Intelligence (Pass Along test, Koh's Block Design , Cube Construction test.)
2. Mohsin's General Intelligence Test.
3. Jalota's Test of Intelligence.
4. Raven Progressive Matrices.

### **Reading List:**

Sinha, R.R.P (2001). Manovigyan me prayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan.

Suleiman, M (1999). Manovigyan Prayog aur Parikshan. Patna: Motilal Banarsidas.

Anastasi, A. (1988). Psychological Testing .New York: McMillan.

Singh, A.K. (2011). Uchhtar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan.

## **Abnormal Psychology**

### **Unit I. Introduction:**

- a) Nature and definition.
- b) Difference between Normal and abnormal
- c) Criteria of abnormality.

### **Unit II. Clinical Status:**

- a) Difference between psychosis and psychoneurosis.
- b) Anxiety Disorder- symptoms, etiology.
- c) Conversion Disorder (Hysteria) symptoms etiology.
- d) Schizophrenia, symptoms and causes.

### **Unit III. Alcoholism and Drug Addiction**

- a) Nature and definition.
- b) Causes
- c) Rehabilitation.

### **Unit IV. Mental Retardation:**

- a) Nature, types, Characteristics.
- b) Causes
- c) Rehabilitation .

## **Reading List**

Ohman TF and Emery R.E. (1995). Abnormal Psychology. New Delhi: Prentice Hill of India Pvt Ltd.

Adams, HE and Sutkar, P.B. (1984). Comprehensive Hand Book of Psychopathology.

Razaque, Sadique et al. (2012). New Horizons in stress management. New Delhi: Ayushman publication Pvt Ltd.

Singh, A.K. (2002). Adhunik Asamanya Manovigyan. Patna: Motilal Banarsidas.

Q.G. Alam and Srivastava, A. (2012). Apsmanya Manovigyan Azamgarh: Motilal Banarsidas.



## **Practical**

*Time: 4 hours*

*Full Marks: 20  
(for end semester)*

*Marks distribution; experiment - 10 viva-voce- 5 N. B- 5*

*Four questions will be set out of which candidates be required to answer two questions.*

1. Moudsley Personality Inventory.
2. Mohsin's Bell Adjustment Inventory.
3. Word Association Test.
4. Sinha Comprehensive Anxiety Scale.

### **Reading List:**

Groth- Marnat, Garry (2005). The Handbook of Psychological Assessment (4 Ed). New York: John Wiley and Sons.

Suleman, M. (2012) Manovigyan Mein Prayog aur Parikshan. Patna: Motilal Banarsidas. (In Hindi)

Singh, A.K. (2011). Uchhtar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan (In Hindi).