

**Members of Board of Studies of Psychology for Four Year Undergraduate Syllabus as Per the Guidelines of NEP-2020 of Binod Bihari Mahto Koyalanchal University, Dhanbad**

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Associate Professor & Hread  
Uni.Dept. of Psychology  
BBMKU

-Chairperson

KS Singh  
28/9/2022

2. Dr.Sudhinta Sinha  
Associate Professor  
Uni.Dept. of Psychology  
& Proctor,BBMKU

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28/9/2022

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Professor & Ex- Head  
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Ranchi University, Ranchi

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4. Dr. Kirti  
Professor & Head  
Dept. of Psychology  
College of Commerce, Patna

-External Member

5. Dr. R.S. Yadav( Retd.)  
Associate Professor & Ex- Head  
Uni.Dept. of Psychology  
BBMKU

-Invited Member

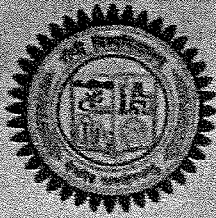
KS Singh  
28-9-2022

KS Singh  
28/9/2022

(Dr.Kavita Singh)

Head

Uni.Dept. of Psychology  
BBMKU,Dhanbad



**Meera Jayaswal** (Ph.D., D.Litt.)

University Professor (Retd.)

Department of Psychology

**Ranchi University Ranchi-834008, Jharkhand**

Mobl: 8084269255 email: [drmeerarun@gmail.com](mailto:drmeerarun@gmail.com)

**Date 26.9.2022**

To:

Dr. Kavita Singh

Head

University Department of Psychology

B.B.M.K.U

Dhanbad

Subject: Approval of Syllabus

Dear Madam,

The syllabus for Four Year Undergraduate Programme under NEP 2020 is approved.

Yours sincerely,

*Meera Jayaswal*  
(Meera Jayaswal)

# DEPARTMENT OF PSYCHOLOGY

Phone-cum-Fax : 0812-2350136 (O)



College of Commerce, Arts & Science  
Kankarbagh, Patna-800 020

[A Constituent unit of Patliputra University, Patna]

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Ref. : .....

Date : 26.09.22...

To,

Dr. Kavita Singh

Head

University Department of Psychology

B B M K U, Dhanbad

Subject : regarding Approval of Syllabus

Dear Madam,

After going through the syllabus for Four Years Undergraduate Program in Psychology of Binod Bihari Mahto Koyanchal University, Dhanbad (Jharkhand) under NEP-2020, I hereby give my approval for the same.

Yours Sincerely

C.R.

[PROF. KIRTI]

HOD

**BINOD BIHARI MAHTO KOYALANCHAL  
UNIVERSITY, DHANBAD (JHARKHAND)**



**FOUR YEARS UNDERGRADUATE PROGRAM  
IN  
PSYCHOLOGY**

**SYLLABUS: DISCIPLINE SPECIFIC CORE COURSE (DSCC)  
FOR FIRST YEAR, SECOND YEAR, THIRD YEAR AND  
INTRODUCTORY COURSE IN PSYCHOLOGY**

**AS PER NEP-2020**

**YEAR OF IMPLIMENTATION: ACADEMIC YEAR 2022-2023**

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**BINOD BIHARI MAHTO KOYALANCHAL UNIVERSITY, DHANBAD**

**Four Years Undergraduate Honours Program Structure in Psychology**

**Program Outcomes:**

By the end of the Honours/Research Program in Psychology the students will be able:

- To explain the basic concepts in Psychology
- To understand the basic psychological processes and applications in everyday life.
- To understand the basic aspects of different branches and basic theories of Psychology.
- To demonstrate knowledge of the application of theories in Psychology
- To use various psychometric tools for assessment.
- To analyses the critical aspects in the process of diagnosis of mental health issues.
- Conduct asocial science research with focus on the methods of studying human behavior
- To foster interest in Psychology and create foundation for further studies in Psychology

**Table:1-Semester -Wise Titles of the Papers in Four Year Undergraduate Honours/Research Program (Psychology)**

**For Practical Subjects**

Year	Semester	Paper-Code	Title of the Paper	Theory/Practical	Credits
1 <sup>st</sup>	I	IRC-PSY	Introduction to Psychology	Theory	3
<b>Major Papers</b>					
1 <sup>st</sup>	I	MJ-1	Foundations of Psychology	Theory+ Practical	4+2=6
	II	MJ-2	Bio-psychology	Theory+ Practical	4+2=6
2 <sup>nd</sup>	III	MJ-3	Psychology of Individual Differences	Theory+ Practical	4+2=6
	IV	MJ-4	Development of Psychological Thoughts	Theory+ Practical	4+2=6
		MJ-5	Abnormal Psychology	Theory+ Practical	4+2=6
3 <sup>rd</sup>	V	MJ-6	Developmental Psychology	Theory Practical	4+2=6
		MJ-7	Research Methods in Psychology	Theory+ Practical	4+2=6
	VI	MJ-8	Statistical Methods in Psychology	Theory+ Practical	4+2=6
		MJ-9	Social Psychology	Theory+ Practical	4+2=6
<b>Advance Major Papers(Proposed)</b>					
4 <sup>th</sup>	VII	AMJ-I	A. Health Psychology	Theory+ Practical	4+2=6



			<b>B. Educational Psychology</b> <b>C. Psychology of Criminal Behaviour</b> (Select any one)		
		<b>AMJ-2</b>	<b>A. Clinical Psychology</b> <b>B. Sports Psychology</b> <b>C. Positive Psychology</b> (Select any one)	Theory+ Practical	<b>4+2=6</b>
	VIII	<b>AMJ-3</b>	<b>A. Environmental Psychology</b> <b>B. Human Resource Management</b> <b>C. Community Psychology</b> (Select any one)	Theory+ Practical	<b>4+2=6</b>
		<b>AMJ-4</b>	<b>A. Counselling Psychology</b> <b>B. Psychology and Social Issues</b> <b>C. Geriatric Psychology</b> (Select any one)	Theory+ Practical	<b>4+2=6</b>
<b>Minor Papers in Psychology</b>					
<b>Year</b>	<b>Semester</b>	<b>Paper-Code</b>	<b>Title of the Paper</b>	<b>Theory/Practical</b>	<b>Credits</b>
2 <sup>nd</sup>	IV	<b>MN-1</b>	Psychological Disorders	Theory+ Practical	4+2=6
3 <sup>rd</sup>	V	<b>MN-2</b>	Psychology and Social Issues	Theory+ Practical	4+2=6
3 <sup>rd</sup>	VI	<b>MN-3</b>	Psychology of Criminal Behaviours	Theory+ Practical	4+2=6

Abbreviations: IRC-PSY-Introductory Regular Course-Psychology, ,MJ-Major,,MN-Minor,AMJ-Advance Major

**TABLE:2-PROGRAM STRUCTURE(First Year)****Semester-I**

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
CC-1	Language and Communication Skills (Modern Indian Language including TRL)	Theory	-	100	100	6
CC-2	Understanding India	Theory	-	100	100	2
CC-3	Health and Wellness, Yoga Education, Sports and Fitness(Any One)	Theory	-	100	100	2
*IRC-1	Introductory Regular Course-1	Theory	-	100	100	3
IVS-1A	Introductory Vocational Studies	Theory	-	100	100	3
MJ-1	Major Paper-1	Theory	15	60	100	4
		Practical	-	25		2
Total=600						22

Abbreviations: CC- Common Courses, TRL-Tribal & Regional Language,,MJ-Major

**Syllabus For Undergraduate Certificate Programme****INTRODUCTORY REGULAR COURSE (PSYCHOLOGY)****Instructions to Question setter for End Semester Examination ( ESE)**

*There will be two groups of questions .Group 'A' is compulsory which will contain three questions. Question no. 1 will be Very Short Type (Fill in the blanks, MCQ etc.) Consisting of ten questions of 1 mark each. Question No.2 and 3 will be Short Answer Type Questions of 5 marks each. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to be answered. Only End Sem Exam will be conducted for this paper i.e. Introductory Regular Course.*

Subject: Psychology		
Paper Code: IRC –PSY	Paper Title: Introduction to Psychology	
Credit: 3. 1Credit=15 Hours		Paper-IRC-Psychology(Open Elective)
FM:100		PM: 40



**Course Outcomes:** By the end of the introductory course in Psychology the students will be able to understand the basic psychological processes and its applications in everyday life. This course will enable students to understand the basic aspects of different branches and basic theories of Psychology. It may develop interest in Psychology and create foundation for further studies in Psychology.

**Unit 1: Introduction:**

- Definition, nature and subject matter of Psychology;
- Branches of psychology- Cognitive, Abnormal, Social, Developmental, Clinical, Educational
- Methods of psychology- Observation, Experimental and Interview Methods

**Unit 2: Sensory and Perceptual Processes:**

- Structure and Functions of Eye
- Structure and Functions of Eye Ear
- Perception-Concept and Process
- Views on Perception: Gestalt and Behaviouristic

**Unit 3: Sensation and Attention:**

- **Sensation:** Definition and Characteristics
- **Attention:** Meaning and phenomena (span of attention, division of attention, fluctuation and distraction),
- Determinants :objective and subjective

**Unit 4: Learning:**

- Definition and Nature
- Methods of learning
- Theories of learning- Thorndike's Connectionism, Pavlov's Classical conditioning, Skinner's Operant conditioning,

**Unit 5: Memory:**

- Meaning and Nature of memory
- Types of memory- Sensory memory Semantic memory, STM and LTM; Difference between LTM and STM:
- Factors improving memory
- **Forgetting:**
- Concept, Nature and Causes

**BOOKS RECOMMENDED:**

1. Sing, A. K (2012). Adhunik Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
2. Suleman, Md. (2012) :Adhunik Samanya Manougyan. Patna: Motilal Banarsidas. (In Hindi)
3. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
4. Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
5. Morgan C.T., King R.A., Weiss J. Rad Schopler, J. (2012). (latest edition). Introduction to Psychology. TATA McGraw Hill Education Pvt. New Delhi.
6. Mangal S.K. (2000) General Psychology, New Delhi: Sterling Publishers Pvt. Ltd.
7. Shashi Jain (Latest edition) Introduction To Psychology. New Delhi: Kalyani Publishers.

# **Syllabus For Undergraduate Certificate Programme**

## **SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE**

### **SEMESTER-I** **MAJOR PAPER-1** **Theory**

#### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Undergraduate Certificate</b>	<b>Year-First</b>	<b>Semester-1</b>
<b>Paper- Foundations of Psychology</b>		
<b>Paper Code: MJ-1</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1: Introduction:</b> <ul style="list-style-type: none"><li>• Emergence and Development of Psychology</li><li>• Definition and Goals of Psychology and subject matter of Psychology;</li><li>• Branches of psychology- Cognitive, Abnormal, Social, Developmental and Biopsychology,</li><li>• Methods of psychology- Psychology in modern India.</li></ul> <b>Unit 2: Perception:</b> <ul style="list-style-type: none"><li>• Concept and process</li><li>• Perceptual organization</li><li>• Role of attention in perception</li><li>• Perceptual sets</li><li>• Perceptual constancies</li><li>• Perception of Depth, Distance and Movement</li></ul> <b>Unit 3: Learning:</b> <ul style="list-style-type: none"><li>• Concept of learning</li></ul>		

- Learning curve and methods of learning
- Theories of learning- Thorndike's Connectionism, Pavlov's Classical conditioning, Skinner's Operant conditioning, Kohler & Kafka's Insight theory and Observational Learning
- Digital learning; Self-regulated learning

#### **Unit 4:Memory:**

- Meaning and Nature of memory
- Types of memory-Sensory memory semantic memory, STM and LTM; Difference between LTM and STM:
- Factors improving memory
- Concept of Ebbinghaus and Bartlett
- **Forgetting:**
- Concept, Nature and Causes
- Theories of Forgetting

#### **Unit 5: Emotion:**

- Meaning and Characteristics
- Development of Emotion
- Physiological correlates of Emotion
- Measurement of Emotion – Galvanic Skin Response(GSR)

#### **BOOKS RECOMMENDED:**

1. Sing, A. K (2012). Adhunik Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
2. Suleman, Md. (2012) :Adhunik Samanya aManougyan. Patna: Motilal Banarsidas. (In Hindi)
3. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
4. Ciccarelli, S. K. and Meyer, G. E. (2010). Psychology. New Delhi Pearson Education.
5. Passer, M.W. and Smith, R.E. (2010). Psychology: The Science of mind and behavior. New Delhi: TataMcGraw-Hill.
6. Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
7. Morgan C.T., King R.A, Weiss J. Rad Schopler, J. (2012). (latest edition). Introduction to psychology. TATA McGraw Hill Education Pvt. New Delhi.
8. Mangal S.K. (2000) General Psychology, New Delhi: Sterling Publishers Pvt. Ltd.
9. Shashi Jain (Latest edition) Introduction to Psychology. New Delhi: Kalyani Publishers.

### **Semester-I**

#### **Practical**

**Course Title: Practical-(Discipline Specific Core, MJ-1)**

**Foundations of Psychology**

**Practical Hours: 04 hours per week  
hrs**

**Course Credits: 02, 1 Credit-30**

**Practical Full Marks: 25 Marks  
10**

**Pass Marks:**

**Paper Code: MJ-1P**

**Minimum 04 Practical to be conducted:**

1. Simple Method in Verbal learning
2. Serial Method in Verbal learning
3. Paired Associate Method in Verbal learning
4. Whole vs Part Method in Verbal learning
5. Massed vs distributed practice in Verbal learning

### **SCHEME OF MARKS**

**25 marks for end Sem exam will be divide das follows:**

·	Plan and procedure	07
·	Conducting on experiment	08
·	Results and discussion	05
·	Viva	05
·	Total	25

### **Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog AurP arikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P (2001). Manovigyan me prayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchatar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

## **TABLE:3-PROGRAM STRUCTURE**

### **Semester-II**

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
CC-4	Language and Communication Skills (English)	Theory	-	100	100	6
CC-5	Mathematical and Computational Thinking and Analysis	Theory	-	100	100	2
CC-6	Value Based Course/ Global Citizenship Education	Theory	-	100	100	2
IRC-2	Introductory Regular Course- 2/Vocational Studies	Theory	-	100	100	3
IVS-1A	Introductory Vocational Studies	Theory	-	100	100	3
MJ-2	Major Paper-2	Theory	15	60	100	4
		Practical	-	25		2
Total=600						22

Abbreviations: CC- Common Courses, IRC-Introductory Regular Course, MJ-Major

**Total Credit for First Year- 22+22=44**

### **Exit Point-Undergraduate Certificate**

# **Syllabus For Undergraduate Certificate Programme**

## **SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE**

### **SEMESTER-II** **MAJOR PAPER-2** **Theory**

#### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Undergraduate Certificate</b>	<b>Year-First</b>	<b>Semester-II</b>
<b>Paper - BIOPSYCHOLOGY</b>		
<b>Paper Code: MJ-2</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=-75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1: Introduction to Biopsychology</b> <ul style="list-style-type: none"><li>• Definition and Nature of Bio-Psychology;</li><li>• subject matter of Bio-Psychology</li><li>• Methods of Bio-Psychology</li><li>• Ethics in Bio-Psychology</li></ul> <b>Unit 2: Neuron and Neural Conduction</b> <ul style="list-style-type: none"><li>• Neuron –structure, types and Functions</li><li>• Nerve Impulse and Neural conduction</li><li>• Synapse and Synaptic transmission.</li><li>• Neurotransmitters</li></ul> <b>Unit 3: Nervous system</b> <ul style="list-style-type: none"><li>• Structure and function of Central Nervous System(CNS)</li><li>• Structure and function of Peripheral Nervous System(PNS)</li><li>• Methods of Studying Functions of Brain</li></ul>		

**Unit 4: Endocrine System:**

- Endocrine Glands –Concept and Type
- Structure and functions of endocrine Glands
- Abnormalities of major glands: Thyroid, Adrenal, Gonads, Pituitary, Pancreas and Pineal

**Unit 5: Receptor, Effectors and Adjuster Mechanism**

- Receptor Cells
- Effectors Cells
- Adjustor Cells

**BOOKS RECOMMENDED:**

1. Breedlove, S. M., Rosenzweig, M. R., and Watson, N. V. (2007). Biological Psychology: An introduction to behavioural, cognitive, and clinical neuroscience (5<sup>th</sup> Edition). Sunderland, Massachusetts
2. Carlson, N. R. (2009) Foundations of Physiology (6<sup>th</sup> Edition). New Delhi: Pearson
3. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
4. Pinel, J.P. (2011). Biopsychology (8<sup>th</sup> Edition). New Delhi: Pearson Education. New Delhi: Tata McGraw-Hill.
5. Singh, A.K. (2014). Neuro-psychology. Patna: Motilal Banarsidas.
6. Carlson, Neil, R. (2008) Foundations of Physiological Psychology. Pearson Education India

**Semester-II****Practical****Course Title: Practical- (Discipline Specific Core, MJ-2)****Biopsychology****Practical Hours: 04 hours per week****Course Credits: 02, 1 Credit-30 hrs****Practical Full Marks: 25 Marks****Pass Marks: 10****Paper Code: MJ-2P****Minimum 04 Practical to be conducted, 02 From Group 'A' and 02 from Group 'B'****Group 'A': Sensory-Motor Learning-**

1. Positive Transfer in Sensory Motor Learning
2. Bilateral transfer of training or Positive Transfer
3. Habit Interference or Negative Transfer

**Group 'B': Sensation, Perception and Illusion**

4. Determination of two point threshold by method of limit
5. Effect of fatigue on RL
6. Mullar-Layer Illusion by method of average error

### **SCHEME OF MARKS**

**25 marks for end Sem exam will be divided as follows:**

·	Plan and procedure	07
·	Conducting one experiment	08
·	Results and discussion	05
·	Viva	05
·	Total	25

#### **Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyani kPrayo g Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P (2001). Manovigyan me prayog, Parikchanaur Snakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchatar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

**TABLE:4-PROGRAM STRUCTURE (Second Year)**

### **Semester-III**

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
CC-7	Environmental Studies	Theory	-	100	100	3
CC-8	Digital Education	Theory	-	100	100	3
CC-9	Community Engagement- NCC/NSS	Theory	-	100	100	3
IRC-3	Introductory Regular Course-3	Theory	-		100	3
I/P	Internship/Project			100	100	4
MJ-3	Major Paper-3	Theory	15	60	100	4
		Practical	-	25		2
Total=600						22

Abbreviations: CC- Common Courses, IRC-Introductory Regular Course, I/P- Internship/Project



## Syllabus for Undergraduate Diploma Programme

### SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE

#### SEMESTER-III

#### MAJOR PAPER-3

#### Theory

#### Instructions to Question Setter for End Semester Exam (ESE):

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-1II</b>
<b>Paper –Psychology of Individual Differences</b>		
<b>Paper Code: MJ-3</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=-75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1:Personality:</b> <ul style="list-style-type: none"><li>• Concept and Nature of Personality</li><li>• Biological and socio-cultural Determinants of personality</li><li>• Approaches to personality: Psychodynamic, Phenomenological- Humanistic, Trait and Type approach.</li></ul> <b>Unit 2:Intelligence:</b> <ul style="list-style-type: none"><li>• Definitions ,Nature and Types</li><li>• Theories of intelligence-Two factor, Multiple factor and Group factor theory</li><li>• Impact of heredity and environment on intelligence</li><li>• Concept of Emotional Intelligence</li></ul> <b>Unit 3: Thinking:</b> <ul style="list-style-type: none"><li>• Meaning and nature of thinking</li><li>• Types of Thinking</li><li>• Jean Piaget' contributions in children's thinking</li><li>• Role of Set in thinking</li></ul>		

**Unit 4: Motivation:**

- Concept and Nature, kinds of motives
- Theories of Motivation- Drive Theory, Incentive Theory, Need- Hierarchies Theory and Vactor-Valence Theory
- Role of motivation in learning.

**Unit 5:Attention**

- Meaning and Characteristics of Attention
- Types of Attention
- Distraction of Attention
- Determinants of Attention

**BOOKS RECOMMENDED:**

1. Sing, A. K (2012). Adhunic Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
2. Suleman, Md. (2012) :Adhunic Samanya Manougyan. Patna: Motilal Banarsidas. (In Hindi)
3. Baron, R.and Misra,G. (2013). Psychology.New Delhi: Pearson.
- 4.Ciccarelli, S. K. and Meyer, G. E.(2010). Psychology. New Delhi Pearson Education.
5. Passer, M.W. and Smith, R.E. (2010). Psychology: The Science of mind and behavior. New Delhi: Tata McGraw-Hill.
- 6.Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
7. Morgan C.T., King R.A, WeissJ.Rad Schopler,J.(2012). (latest edition). Introduction to psychology. TATA McGraw Hil lEducation Pvt.New Delhi.
8. Manga IS.K(2000)General Psychology, NewDelhi: SterlingPublishers Pvt.Ltd.
9. Shashi Jain(Lates tediton) Introduction to Psychology. Nerw Delhi: Kalyani Publishers.

**Semester-III****Practical**

**Course Title: Practical- (Discipline Specific Core,MJ-3) Psychology of Individual Differences**

**Practical Hours:04hours per week CourseCredits:02, 1 Credit-30 hrs**

**Practical Full Marks:25 Pass Marks: 10**

**Paper Code: MJ-3P**

**Minimum 04 Testing to be conducted, 02 From Group 'A' and 02 from Group 'B'**

**Group 'A': Intelligence Tests**

1. Allexender's Intelligence Test Battery-Pass Along Test, Block Design Test, Cube Construction Test
2. Mohsin's General Intelligence Test
3. Verbal Intelligence Test of Mohan Chandra Joshi

**Group 'B': Personality Tests**

4. Eyejenk' s Personality Questionnaire (EPQ-Indian Adaptation)
5. 16 PF Test
6. Type A Type B Personality Test

**SCHEME OF MARKS**

**25 marks for end Sem exam will be divided as follows:**

·	Plan and procedure	07
·	One Testing	08
·	Results and discussion	05
·	Viva	05
·	Total	25

**Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P (2001). Manovigyan me prayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

**TABLE:5-PROGRAM STRUCTURE**

**Semester-IV**

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
<b>MJ-4</b>	Development of Psychological Thoughts	Theory	15	60	100	<b>4</b>
		Practical	-	25		<b>2</b>
<b>MJ-5</b>	Abnormal Psychology	Theory	15	60	100	<b>4</b>
		Practical	-	25		<b>2</b>
<b>MN-1</b>	Psychological Disorders	Theory	15	60	100	<b>4</b>
		Practical	-	25		<b>2</b>
<b>VS-1</b>	Vocational Studies	Theory	-	100	100	<b>4</b>
Total=400						<b>22</b>

Abbreviations-MJ-Major, MN-Minor, VS- Vocational Studies

**Total credit for Second Year- 22+22=44**

**Total Credit for Undergraduate Diploma=44+44=88**

MN- Minor Paper-Students of other Core Subjects may choose the Minor Paper from the pools of Subject provided by the institution

**Note: Vocational Studies will be decided at the Institute level**

**Exit Point-Undergraduate Diploma**

## **Syllabus for Undergraduate Diploma Programme**

### **SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE**

#### **SEMESTER-IV**

#### **MAJOR PAPER-4**

#### **Theory**

#### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-1V</b>
<b>Paper -Development of Psychological Thoughts</b>		
<b>Paper Code:MJ-4</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=-75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1:History of Psychology:</b> <ul style="list-style-type: none"><li>• Systems in Psychology-Meaning and Types</li><li>• Evaluation of Systems in Psychology</li><li>• Basic issues in Psychology-Mind versus Body, Nativism versus Empiricism or Heredity versus Environment, Molar versus Molecular, Subjectivism versus Objectivism</li></ul> <b>Unit 2: Early Schools of Psychology:</b> <ul style="list-style-type: none"><li>• Structuralism</li><li>• Functionalism</li><li>• Associationism</li></ul> <b>Unit 3: Positivist Orientation:</b> <ul style="list-style-type: none"><li>• Behaviuorism as a system, Contributions of J.B.Watson</li><li>• Major Contributions of C.L.Hull</li><li>• Major Contributions of Tolman</li></ul>		

- Major Contributions Skinner

#### **Unit 4: Psychoanalytic Viewpoint**

- Freudian Psychoanalysis- Freud, Adler, Jung
- Neo-Freudian approach-Erikson, Eric Fromm, KarenHorne
- **Humanistic-Existential Orientation**
- Major features of Humanistic Psychology, Contributions of Cael Roger
- Basic principles of Existential Psychology, Contributions of Ludwig Binswanger

#### **Unit 5: Cognitive viewpoint:**

- Brief History of Cognitive Psychology
- Contributions of Jean Piaget
- Contributions of Noam Chomsky

#### **BOOKS RECOMMENDED:**

1. Boring. E.G. (1995). A History of Experimental Psychology. New York: Appleton CenturyCo.
2. Heidbreder, E. (1997). Seven Psychologies. New Delhi: Kalyani publishes.  
Leaky, TH (1991). A History of Modern Psychology. New Jersey: Prentice Hall.
3. Murphy, G.(1960). Historical Introduction of Modern Psychology. London: Routledge and Kagan Private Ltd.
4. Raju, P. T. (1988). Structural Depths of Indian thought. New York: Albama State University.
5. Singh A.K. (2006). The Comprehensive History of Psychology Delhi: Motilal Banaridas Publication Private Limited.
6. Rahman, A. and Jawaid, A. (1994). Manovigyan ka Sanchhipt I ihas. Patna: Motilal6. Banarsidas. (In Hindi)
7. Singh, A. K (2002). Manovigyan ka Sampradaya Evam Ithias Patna : Motilal Banarsidas. (In Hindi)

#### **Semester-IV**

#### **Practical**

**Course Title: Practical-(Discipline Specific Core, MJ-4) Development of Psychological Thoughts**

**Practical Hours: 04 hours per week**

**Course Credits: 02, 1 Credit-30 hrs**

**Practical Full Marks: 25 Marks**

**Pass Marks: 10**

**Paper Code: MJ-4P**

#### **Minimum 04 Practical to be conducted:**

1. Colour Preference Test-by the method of paired-comparison
2. Determination of DL for Lifted Weights Stimuli by the Method of limit visual Lengths
3. Determination of DL for visual Lengths Stimuli by the Method of constant stimulus
4. Phenomenon of Retroactive inhibition
5. Phenomenon of Proactive inhibition

### **SCHEME OF MARKS**

**25 marks for end Sem exam will be divided as follows:**

·	Plan and procedure	07
·	Conducting one experiment	08
·	Results and discussion	05
·	Viva	05
·	Total	25

#### **Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P. (2001). Manovigyan m eprayog, Parikchanaur Snakhiye ki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

### **MAJOR PAPER-5**

#### **Theory**

#### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no. 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-IV</b>
<b>Paper - Abnormal Psychology</b>		
<b>Paper Code: MJ-5</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1 Hour ESE-3 Hours</b>
<b>Unit 1: Understanding abnormality:</b> <ul style="list-style-type: none"><li>• Definition and Criteria of abnormality</li><li>• Classification (Latest edition of DSM&amp;ICD)</li></ul>		

**Unit 2: : Models of abnormal behavior:**

- Psychodynamic Model
- Humanistic Model
- Biological Model
- Socio-cultural Model

**Unit 3:Anxiety Disorders:**

- Clinical Picture and Dynamics of Anxiety disorders-
- Phobia
- Obsessive Compulsive Disorder
- Generalized Anxiety Disorder;

**Unit 4:Developmental Disorders:**

- Clinical picture and Dynamics of Mental Retardation
- Autism
- ADHD
- Learning Disabilities

**Unit 5: Substance-related disorder and eating disorders:**

- Alcohol abuse- (Clinical picture and causes)
- Drug abuse (Clinical picture and causes)

**BOOKS RECOMMENDED:**

1. Ahuja N. (2011). A short Textbook of psychiatry(7<sup>th</sup>Ed.)New Delhi: Jaypee.
2. Barlow D.H. and Durand V.M. (2005). Abnormal Psychology: An Integrated Approach (4<sup>th</sup> Ed.) Wassworth: New York.
3. Carson R.C., Butcher J.N., Mineka, A., and Hooley J.M (2007). Abnormal Psychology (13<sup>th</sup> Ed.). ND: Pearson Education.
4. Kring, A. M., Johnson, S.L., Davison G.C. and Neale J.M. (2010). Abnormal Psychology (11<sup>th</sup> Ed. ). NY: John Wiley.
5. Singh A.K. (2002). Adhunik Asamnaya Manovigyan. Patna Motilal: Banarsidas.
6. Q.G. Alam and Srivastava, A. (2012). Apsamanya Manovigyan. Azamgarh: Motilal Banarsidas.

**Semester-IV****Practical****Course Title: Practical-(Discipline Specific Core, MJ-5)****Abnormal Psychology****Practical Hours: 04 hours per week****Course Credits: 02, 1 Credit-30 hrs****Practical Full Marks: 25 Marks****Pass Marks: 10****Paper Code: MJ-7P****Minimum 04 Testing to be conducted:**



1. Sinha's Manifest Anxiety Scale
2. Defence Mechanism Inventory by Mrinal and Mrinal
3. The Occupational Stress Index (OSI) by A. K. Srivastava and O.P. Singh
4. Word Association Test
5. Mental Health Battery by Singh and Gupta

### **SCHEME OF MARKS**

**25 marks for end Sem exam will be divided as follows:**

·	Plan and procedure	07
·	One Testing	08
·	Results and discussion	05
·	Viva	05
·	Total	25

### **Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P. (2001). Manovigyan me prayog, Parikchana aur Snakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

### **SEMESTER-IV** **MINOR PAPER-1** **Theory**

### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-IV</b>
<b>Paper - Psychological Disorders</b>		

<b>Paper Code:MN-1</b>		<b>Disciplinary/Interdisciplinary Minor</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<ul style="list-style-type: none"> <li>• <b>Unit 1: Understanding abnormality</b></li> <li>• Definition and Criteria of abnormality</li> <li>• Classification (Latest edition of DSM&amp;ICD)</li> <li>• Concept and Methods of Abnormal Psychology</li> </ul> <p><b>Unit 2: Clinical States:</b></p> <ul style="list-style-type: none"> <li>• Clinical Picture and Dynamics of Anxiety disorders-Phobia, Obsessive Compulsive Disorder, Generalized Anxiety Disorder</li> <li>• Clinical Picture and Dynamics of Conversion Disorder; Clinical Picture and Dynamics of Dissociative Identity Disorder</li> </ul> <p><b>Unit 3: Developmental Disorders:</b></p> <ul style="list-style-type: none"> <li>• Clinical picture and Dynamics of -Mental Retardation</li> <li>• Autism</li> <li>• Attention Deficit Hyperactive Disorder(ADHD)</li> <li>• Learning Disabilities</li> </ul> <p><b>Unit 4: Substance-related disorder and eating disorders:</b></p> <ul style="list-style-type: none"> <li>• Substance-related disorder- Alcohol abuse and Drug abuse Clinical picture and causes)</li> <li>• Eating disorder- Anorexia Nervosa and Bulimia Nervosa</li> </ul> <p><b>Unit 5: Schizophrenia:</b></p> <ul style="list-style-type: none"> <li>• Meaning and Characteristics</li> <li>• Types</li> <li>• General causes or etiology</li> <li>• Treatment</li> </ul> <p><b>BOOKS RECOMMENDED:</b></p> <ol style="list-style-type: none"> <li>1. Oltman TF and Emery RE (1995) Abnormal psychology. New Delhi: Prentice Hall of India Pvt.Ltd.</li> <li>2. Barlow D.H. and Durand V.M. (2005). Abnormal Psychology: An Integrated Approach (4<sup>th</sup> Ed.) Wassworth: New York.</li> <li>3. Carson R.C., Butcher J.N., Mineka, A., and Hooley J.M. (2007). Abnormal Psychology (13<sup>th</sup> Ed.). ND: Pearson Education.</li> <li>4. Kisker, G.W. (1985). Disorganized personality. New Delhi: McGraw Hill.</li> <li>5. Singh A.K. (2002). Adhunik Asamany Manovigyan. Patna: Motilal Banaridas.</li> <li>6. Q.G. Alam and Srivastava, A. (2012). Apsamany Manovigyan. Azamgarh: Motilal Banaridas.</li> <li>7. Sinha, R.R.P. and Mishra, B.K. (2006) Asamany Mnovigyan: Bharti Bhavan (Publishers &amp; Distributers).</li> </ol>		

Semester-IV											
Practical											
<b>Course Title: Practical- ( Disciplinary/Interdisciplinary Minor-MN-1) Psychological Disorders</b>											
<b>Practical Hours: 04 hours per week</b>	<b>Course Credits: 02, 1 Credit-30 hrs</b>										
<b>Practical Full Marks: 25 Marks</b>	<b>Pass Marks: 10</b>										
<b>Paper Code: MN-1P</b>											
<p><b>Minimum 04 Testing to be conducted:</b></p> <ol style="list-style-type: none"> <li>1. Academic Anxiety Scale (Hindi) by Pal, Mishra and Panday</li> <li>2. Peer Pressure Scale (Hindi/ Eng.) by Kusum Tyagi and Nidhi Gupta</li> <li>3. PGI General Well-being Measure (PGIGWBM) (Hindi/Eng.) by S.K. Verma and Anita Verma</li> <li>4. Youth Problem Inventory (YPI) (Hindi) by Mithilesh Verma</li> <li>5. Aggression Questionnaire by G.C. Pati (Hindi/Eng.)</li> </ol>											
<p><b><u>SCHEME OF MARKS</u></b></p> <p><b>25 marks for end Sem exam will be divided as follows:</b></p> <table border="1"> <tr> <td>· Plan and procedure</td><td>07</td></tr> <tr> <td>· One Testing</td><td>08</td></tr> <tr> <td>· Results and discussion</td><td>05</td></tr> <tr> <td>· Viva</td><td>05</td></tr> <tr> <td>· Total</td><td>25</td></tr> </table>		· Plan and procedure	07	· One Testing	08	· Results and discussion	05	· Viva	05	· Total	25
· Plan and procedure	07										
· One Testing	08										
· Results and discussion	05										
· Viva	05										
· Total	25										
<p><b>Reference Books:</b></p> <ol style="list-style-type: none"> <li>1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas</li> <li>2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.</li> <li>3. Sinha, R.R.P. (2001). Manovigyan me prayog, Pariksha aur Snakhiye ki. Patna: Bharti Bhawan</li> <li>4. Singh, A.K. (2011). Uchchatar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan</li> </ol>											

**TABLE:6-PROGRAM STRUCTURE (Third Year)**

**Semester-V**

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
MJ-6	Development of Psychological Thoughts	Theory	15	60	100	4
		Practical	-	25		2
MJ-7	Research Methods in Psychology	Theory	15	60	100	4
		Practical	-	25		2
MN-2	Psychology of Social Issues	Theory	15	60	100	4
		Practical	-	25		2
VS-2	Vocational Studies	Theory	-	100	100	4
Total=400						22

Abbreviations: MN- Minor Paper, MJ- Major Paper, VS- Vocational Studies

**Syllabus for Bachelor's Degree Programme**

**MAJOR PAPER-6**

**Theory**

**Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Bachelor's Degree</b>	<b>Year-Third</b>	<b>Semester-V</b>
<b>Paper - Developmental Psychology</b>		
<b>Paper Code: MJ-6</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour</b>

		<b>ESE-3 Hours</b>
<b>Unit 1:Introduction:</b> <ul style="list-style-type: none"> <li>• Human Development</li> <li>• Developmental Psychology- Concept, Objectives, Scope and Utility</li> <li>• Major issues in Developmental Psychology</li> </ul> <b>Unit 2: Periods of Life Span Development::</b> <ul style="list-style-type: none"> <li>• Prenatal development ;Birth and Infancy</li> <li>• Childhood</li> <li>• Adolescence</li> <li>• Adulthood</li> <li>• Physical development and physical growth cycle</li> </ul> <b>Unit 3: Domains of Human Development:</b> <ul style="list-style-type: none"> <li>• Cognitive development: Perspective e of Piaget</li> <li>• Language development</li> <li>• Motor/Physical development</li> <li>• Emotional development</li> <li>• Moral development</li> </ul> <b>Unit 4: Sensory and Perceptual Development:</b> <ul style="list-style-type: none"> <li>• Sensory Process</li> <li>• Perceptual Process</li> <li>• Sensory capacity of Infants</li> <li>• Development of Perceptual ability</li> <li>• Dimensions and Determinants of Perceptual Development</li> </ul> <b>Unit 5: Socio- Cultural Context for Human Development:</b> <ul style="list-style-type: none"> <li>• Family</li> <li>• Peers, Play behaviour</li> <li>• Media and Schooling</li> <li>• Human development tin the Indian Context</li> </ul> <b>BOOKS RECOMMENDED:</b> <p>1-Berk-; Child development.</p> <p>2-Becand Byod-; Developing Child</p> <p>3-Hurlock-;;Child Psychology</p> <p>4-Liebert Polous,and Marmor-; Developmental Psychology</p> <p>5-RamjeeSrivastavandothers-; Adhunik Vikasatmak Manovigyan</p> <p>6--RRP, Sinha, Child Development</p> <p>7.Singh,A.K.(1995)SaraI VikasatmakEwamSamajManovigyan.MotilalBanarsidas, Patna.</p> <p>8.Singh, R.N.(2008) Adhunik Vikasatmak Manovigyan, Aggarwal Publication, Agra</p>		

Semester-V											
Practical											
Course Title: Practical-(Discipline Specific Core, MJ-6)	Developmental Psychology										
Practical Hours: 04 hours per week	Course Credits: 02, 1 Credit-30 hrs										
Practical Full Marks: 25 Marks	Pass Marks: 10										
Paper Code: MJ-6P											
<p><b>Minimum 04 Testing to be conducted:</b></p> <ol style="list-style-type: none"> <li>1. Ego strength scale by Q. Hassan (Hindi)</li> <li>2. The Self-Concept Scale by Dr. Mukta Rani Rastogi or Self-Concept questionnaire by Dr. R.K. Saraswat (Apply any one)</li> <li>3. Aggression Questionnaire by G.C. Pati (Hindi/Eng.)</li> <li>4. The Dependence Proneness Scale by Jai B.P. Sinha</li> <li>5 Social Maturity Scale by J. Bharatraj</li> </ol> <p><b><u>SCHEME OF MARKS</u></b></p> <p>25 marks for end Sem exam will be divided as follows:</p> <table border="1"> <tr> <td>· Plan and procedure</td><td>07</td></tr> <tr> <td>· Conducting one Testing</td><td>08</td></tr> <tr> <td>· Results and discussion</td><td>05</td></tr> <tr> <td>· Viva</td><td>05</td></tr> <tr> <td>· Total</td><td>25</td></tr> </table>		· Plan and procedure	07	· Conducting one Testing	08	· Results and discussion	05	· Viva	05	· Total	25
· Plan and procedure	07										
· Conducting one Testing	08										
· Results and discussion	05										
· Viva	05										
· Total	25										
<p><b>Reference Books:</b></p> <ol style="list-style-type: none"> <li>1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas</li> <li>2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.</li> <li>3. Sinha, R.R.P (2001). Manovigyan m eprayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan</li> <li>4. Singh, A.K. (2011). Uchchitar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan</li> </ol>											

**MAJOR PAPER-7**  
**Theory**

**Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the*

blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.

<b>Program/Class: Bachelor's Degree</b>	<b>Year-Third</b>	<b>Semester-VI</b>
<b>Paper - Research Methods in Psychology</b>		
<b>Paper Code: MJ-7</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1: Basics of Research in Psychology:</b> <ul style="list-style-type: none"> <li>• Definition and Goals of Psychological Research</li> <li>• Principles of good Research</li> <li>• Ethics in psychological research</li> <li>• Quantitative and Qualitative orientation towards research and their steps; Comparing Qualitative and Quantitative research traditions</li> </ul> <b>Unit 2: Problem and Hypotheses:</b> <ul style="list-style-type: none"> <li>• Formulating a problem</li> <li>• Sources of Problem</li> <li>• Developing a Testable Research Question/ Research Hypothesis</li> <li>• Types of hypotheses</li> <li>• Criteria of a good hypothesis</li> </ul> <b>Unit 3: Sampling:</b> <ul style="list-style-type: none"> <li>• Probability sampling</li> <li>• Non Probability Sampling</li> </ul> <b>Unit 4::Experimental Method:</b> <ul style="list-style-type: none"> <li>• Introduction to Experimental Method</li> <li>• Quasi-experimental methods</li> </ul> <b>Unit 5: Non-Experimental Method:</b> <ul style="list-style-type: none"> <li>• Case study</li> <li>• Survey</li> <li>• Observation</li> <li>• Interviews</li> </ul> <b>BOOKS RECOMMENDED:</b> <ol style="list-style-type: none"> <li>1. Chadha, N. K. (2009). Applied Psychometric. New Delhi: Sage Publication.</li> <li>2. Dyer, C. (2001). Research in Psychology: A Practical Guide to Research Methodology and Statistics (2<sup>nd</sup> Ed.). Oxford: Blackwell Publishers</li> <li>3. Neuman, W.L. (2006). Social Research Methods: Qualitative and Quantitative Approaches (6<sup>th</sup> Ed.). Boston : Pearson Education.</li> </ol>		



4. Willig, C. (2001).Introducing Qualitative research in Psychology: Adventures in Theoryand Method. Philadelphia: Open University Press.
5. Singh , A.K. (2013). Research methods in Behavioural Sciences. Patna:Student's Friends Publication.
6. Suleman Md., (2013).Manovigyan me shodhpranali. Patna: Motilal Banarisidas(In Hindi)

## **Semester-V**

### **Practical**

<b>CourseTitle:Practical-(Discipline Specific Core,MJ-8)</b>	<b>Research Methods in Psychology</b>
<b>Practical Hours:04hours per week</b>	<b>Course Credits:02, 1 Credit-30 hrs</b>
<b>PracticalFull Marks:25Marks</b>	<b>Pass Marks: 10</b>
<b>Paper Code: MJ-7P</b>	

#### **Minimum 04 Practical to be conducted:**

1. Effect of Fatigue on Muscular Work
2. Effect of Fatigue on Mental Work
3. Simple Reaction Time
4. Complex Reaction Time
5. Effect of fore period on Reaction Time

#### **SCHEME OFMARKS**

**25marks for end Sem exam will be divided as follows:**

• Plan and procedure	07
• Conducting one Experiment	08
• Results and discussion	05
• Viva	05
• Total	25

#### **Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P(2001). Manovigyan me prayog, ParikchanaurSnakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). UchchitarManovigyanikPrayogaurParikshan. Patna: Bharti Bhawan

**SEMESTER-V**  
**MINOR PAPER-2**  
**Theory**

**Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

<b>Program/Class: Bachelor's Degree</b>	<b>Year-Third</b>	<b>Semester-V</b>
<b>Paper - Psychology of Social Issues</b>		
<b>Paper Code:MN-2</b>		<b>Disciplinary/Interdisciplinary Minor</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1:Introduction:</b> <ul style="list-style-type: none"> <li>• Definition and nature of social psychology</li> <li>• Importance and applications of social psychology</li> <li>• Increasing role of Social Psychology in social problems</li> </ul> <b>Unit 2: Crime and Criminals::</b> <ul style="list-style-type: none"> <li>• Definition, nature and characteristics of Crime and Criminals</li> <li>• Psychological, Biological and Socio-cultural explanation of Crime and Criminals</li> <li>• Preventive measures of Crime</li> </ul> <b>Unit 3: Social Inequity and social Injustice:</b> <ul style="list-style-type: none"> <li>• The concept of social justice and injustice</li> <li>• Reactions to injustice; Social interventions to remove injustice</li> </ul> <b>Unit 4::Social issue and Anti-Social Behaviour:</b> <ul style="list-style-type: none"> <li>• Concepts of Poverty and Deprivation</li> <li>• Psychological analysis of deprivation and poverty Social deprivation and poverty</li> <li>• Child labour; Child abuse Corruption; Bribery and other forms of anti-social behaviour</li> </ul> <b>Unit 5: Domestic Violence:</b> <ul style="list-style-type: none"> <li>• Nature and categories of violence–Violence in families and marriage; Atrocities against women; Sex- determination</li> <li>• Dowry-deaths- causes and remedies</li> </ul>		

- Physiological correlates of Emotion
- Measurement of Emotion – Galvanic Skin Response(GSR)

#### BOOKS RECOMMENDED:

1. Singh, AK. (2013). Samaj Manovigyan ki Ruprekha. Patna: Motilal Banarsidas.
2. Suleman, Md(2012). Manovigyan aur Samajik Samasyaye. Patna: Motilal Banarsidas.
3. Prasad, Navratan(2009). Samajik Samasyaye. Patna: Motilal Banarsidas.
4. Baron, Rand Byrne(2010). Social Psychology. New Delhi: Pearson Education.
5. K, Renu(2010). Apradhsashtra aur Samajik Samasyaye. New Delhi: Atlantic Publication.
6. Pandey, G(2010). Samaj Manovigyan. New Delhi: Atlantic Publication.
7. Baron, Rand Byrne(2010). Social Psychology. New Delhi: Pearson Education.
8. Becker, Howard(2004). Social problem: A modern approach. New York: John Wiley

### Semester-V

#### Practical

**Course Title: Practical-(Disciplinary/Interdisciplinary MN-2) Psychology of Social Issues**

**Practical Hours: 04 hours per week**

**Course Credits: 02, 1 Credit-30 hrs**

**Practical Full Marks: 25 Marks**

**Pass Marks: 10**

**Paper Code: MN-2P**

#### Minimum 04 Testing to be conducted:

1. Aggression Scale by Mathur and Bhatnagar
2. Prejudice Scale by Sharma and Bharadwaj
3. Mohsin's Bel I Adjustment Inventory.
4. Sinha Comprehensive Anxiety Scale.
5. Social distance Scale by Dewedi, Bhatnagar and Asthana

#### SCHEME OF MARKS

**25 marks for end Sem exam will be divided as follows:**

•	Plan and procedure	07
•	One Testing	08
•	Results and discussion	05
•	Viva	05
•	Total	25

#### Reference Books:

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P (2001). Manovigyan me prayog, Pariksha aur Snakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

**TABLE:7-PROGRAM STRUCTURE****Semester-VI**

Course Code	Paper	Theory/ Practical	Semester Internal	End Semester	Total Marks	Credits
<b>MJ-8</b>	Statistical Methods in Psychology	Theory	15	60	100	<b>4</b>
		Practical	-	25		<b>2</b>
<b>MJ-9</b>	Social Psychology	Theory	15	60	100	<b>4</b>
		Practical	-	25		<b>2</b>
<b>MN-3</b>	Psychology of Criminal Behaviours	Theory	15	60	100	<b>4</b>
		Practical	-	25		<b>2</b>
<b>VS-3</b>	Vocational Studies	Theory	-	100	100	<b>4</b>
Total=400						<b>22</b>

Abbreviations:Mj-Major, MN-Minor,VS-Vocational Studies

**Exit Point: Bachelor's Degree**

**Total Credit for Third Year- 22+22=44**

**Total Credits for Bachelor's Degree=44+44+44=132**

**Syllabus for Bachelor's Degree Programme****MAJOR PAPER-8****Theory****Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

Program/Class: Certificate	Year-Third	Semester-VI
<b>Paper - Statistical Methods in Psychology</b>		
<b>Paper Code:MJ-8</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>

**Unit 1:Introduction:**

- Meaning, Types and application of statistics in psychology;
- Difference between parametric and non-parametric statistics;
- Measurement in psychology-Meaning, Level of measurement

**Unit 2: Central Tendencies and Measures of Variability:**

- Mean, Median, Mode and Frequency Distribution
- Quartile Deviation, Average deviation and Standard Deviation

**Unit 3: The Normal Distribution:**

- The nature of normal probability curve
- Characteristics of normal probability curve
- **Deviations from normality:** Skewness and its type; Kurtosis and its type

**Unit 4:Correlation:**

- Meaning of correlation
- Coefficient of correlation
- Pearson's Product moment method of correlation
- Spearman's rank order correlation

**Unit 5: Hypothesis testing:**

- The difference between two Independent (uncorrelated) Means and making inferences (t test)
- The difference between two dependent (uncorrelated) Means and making inferences (test)
- The differences among three or more groups- One-Way Analysis of Variance (ANOVA)

**Null hypothesis:**

- Concept
- Computation of Chi-Square; testing of divergence of observed result from expected on the hypothesis of equal probability; 2X2 contingency table

**BOOKS RECOMMENDED:**

1. Chadha, N. K. and Sehgal, P. R. L. (1984). Statistical Methods in Psychology. New York: EEP.
2. Freeman FS (1976). Theory and Practice Of Psychological Testing. New Delhi: Oxford BH Pub Co.
3. Garrett, HE (1991). Statistics in Psychology and Educations. Bombay: Allied Pacific Pvt. Ltd.
4. Guilford, JP (1987). Psychometric Methods. New Delhi: Tata McGraw Hill.
5. Kurtz, A. K., and Mayo, M. T. (1979). Statistical Methods in Education and Psychology. New York: Springer-Verlag.
6. Mohsin, SM (1992). Fundamental Statistics in Behavioural Science. Patna: Motilal Banarsidas.
7. Sidney, Sigel and Costellan, N. John (1988). Non-parametric Statistics for the Behavioural Sciences. New York: McGraw Hill Book Company.
8. Sing, A. K (2012). Manovigyan awam Shiksha me Sankhyeeki, Patna: Motilal Banarsidas.

**Semester-VI**

Semester-VI											
Practical											
<b>Course Title: Practical-8(Discipline Specific Core,MJ-8)</b>	<b>Statistical Methods in Psychology</b>										
<b>Practical Hours:04hours per week</b>	<b>CourseCredits:02, 1 Credit-30 hrs</b>										
<b>Practical Full Marks:25Marks</b>	<b>Pass Marks: 10</b>										
<b>Paper Code: MJ-8P</b>											
<p><b>Minimum 04Practicaltobeconducted, 02 from Group A and 02 from Group B</b></p> <p><b>Group A:Attention:</b></p> <ol style="list-style-type: none"> <li>1. Span of attention for related letters</li> <li>2. Effect of distraction of attention on mental work</li> <li>3. Effect of Stimulus Organization on Span of Attention</li> </ol> <p><b>Group B: Forgetting:</b></p> <ol style="list-style-type: none"> <li>4. Test of retroactive inhibition as a function of similarity between original learning and interpolated task</li> <li>5. Test of retroactive inhibition as a function of strength of original learning</li> <li>6. Comparative Study of Recall and Recognition</li> </ol> <p><b><u>SCHEME OF MARKS</u></b></p> <p><b>25marks for end Sem exam will be divided as follows:</b></p> <table> <tr> <td>· Plan and procedure</td><td>07</td></tr> <tr> <td>· Conducting one experiment</td><td>08</td></tr> <tr> <td>· Results and discussion</td><td>05</td></tr> <tr> <td>· Viva</td><td>05</td></tr> <tr> <td>· Total</td><td>25</td></tr> </table>		· Plan and procedure	07	· Conducting one experiment	08	· Results and discussion	05	· Viva	05	· Total	25
· Plan and procedure	07										
· Conducting one experiment	08										
· Results and discussion	05										
· Viva	05										
· Total	25										
<b>Reference Books:</b>											
1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: MotilalBanarsidas											
2. Sulaiman, M. (1996). ManovigyanikPrayogAurParikshan. Patna: MotilalBanarsidas.											
3. Sinha, R.R.P(2001). Manovigyanmeprayog,ParikchanaurSnakhiyeKi.Patna: BhartiBhawan											
4. Singh, A.K.(2011). UchcharManovigyanikPrayogaurParikshan.Patna:BhartiBhawan											

### **MAJOR PAPER-9** **Theory**

#### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the*

blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.

<b>Program/Class: Certificate</b>	<b>Year-Third</b>	<b>Semester-VI</b>
<b>Paper - Social Psychology</b>		
<b>Paper Code: MJ-9</b>		<b>Core Compulsory</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<p><b>Unit 1: Historical background:</b></p> <ul style="list-style-type: none"> <li>• Definition, nature and scope of social psychology</li> <li>• Growth of social psychology as a modern discipline</li> <li>• Methods of social psychology</li> <li>• Status of social psychology in India</li> </ul> <p><b>Unit 2: Person Perception:</b></p> <ul style="list-style-type: none"> <li>• Nature and determinants; Social perception</li> <li>• Perceptual defence; Perceptual accentuation; Subliminal perception;</li> <li>• Self-perception and Social cognition; Bern's theory of self-perception</li> </ul> <p><b>Unit 3: Interpersonal attraction:</b></p> <ul style="list-style-type: none"> <li>• Concept, Nature and determinants</li> <li>• Theories-; Exchange, Balance, Equity, Reinforcement, and, Complementary need theories</li> </ul> <p><b>Unit 4: Aggression, Altruism</b></p> <ul style="list-style-type: none"> <li>• <b>Aggression</b> -Nature, causes and how to control aggression; Theories of aggression</li> <li>• <b>Altruism</b> -Pro-social behaviour-Nature and factors; Characteristics of helped and helper; Theories of Pro-social behaviour; Ways of increasing pro-social behaviour.</li> </ul> <p><b>Unit 5: Prejudice and Attitude:</b></p> <ul style="list-style-type: none"> <li>• <b>Prejudice</b> -Nature and components of prejudice</li> <li>• Theories; Development of prejudice in Indian children; Reduction of prejudice</li> <li>• <b>Attitude</b>-Definitions and nature of attitude, Development and formation;</li> <li>• Theories- Feininger's cognitive dissonance, Rosenberg's affective cognitive theory, Kellman's three process theory</li> </ul> <p><b>BOOKS RECOMMENDED:</b></p> <ol style="list-style-type: none"> <li>1. Aronson, R., Ellsworth, P., Carlsmith, J. and Gonzales (1990) Methods in Research in Social Psychology. New York: McGraw Hill.</li> <li>2. Baron, R. A. and Byrne, D. (2000). Social Psychology. New Delhi: Prentice Hall.</li> <li>3. Hewitt, J. P. (1986). Self and Society: A Symbolic Interactionist Social Psychology. Boston: Allyn and Bacon.</li> </ol>		



4. Panday, J. (Ed.) (1980). Perspectives on Experimental Social Psychology in India. New York: Concept.
5. Secord and Backman (1978). Social Psychology. New York: McGraw Hill.
6. Alam and Razaque (2012). Social Dimension of Human Behavior. New Delhi: Manak Publication.
7. Triandis, H. (1995). Culture and Social Psychology. New York: McGraw Hill.
8. Singh, A.K. (2002). Samaj Manovigyan ki Roop Rekha. Patna: Motilal Banarsidas.
9. Suleman, Md. (1991). Adhunik Samaj Manovigyan. Patna: Motilal Banarsidas.
10. Farr, R.M. (1996). The Roots of Modern Social Psychology. Oxford: Blackwell.

## Semester-VI

### Practical

**Course Title: Practical-9 (Discipline Specific Core, MJ-9) Social Psychology**

**Practical Hours: 04 hours per week**

**Course Credits: 02, 1 Credit-30 hrs**

**Practical Full Marks: 25 Marks**

**Pass Marks: 10**

**Paper Code: MJ-9P**

**Minimum 04 Testing to be conducted:**

1. Aggression Scale by Mathur and Bhatnagar
2. Prejudice Scale by Sharma and Bharadwaj
3. Mohsin's Bell Adjustment Inventory.
4. Sinha Comprehensive Anxiety Scale.
5. Social distance Scale by Dewedi, Bhatnagar and Asthana
6. Emotional Maturity Scale

### **SCHEME OF MARKS**

**25 marks for end Sem exam will be divided as follows:**

·	Plan and procedure	07
·	One Testing	08
·	Results and discussion	05
·	Viva	05
·	Total	25

### **Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P. (2001). Manovigyan me prayog, Parikshan aur Snakhiye ki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchatar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

### **MINOR PAPER-3**

#### **Theory**

#### **Instructions to Question Setter for End Semester Exam (ESE):**

*There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type five questions of 15 marks each, out of which any three are to answer.*

Program/Class: Certificate	Year-Third	Semester-V1
<b>Paper - Psychology of Criminal Behaviours</b>		
<b>Paper Code:MN-3</b>		<b>Disciplinary/Interdisciplinary Minor</b>
<b>Credit: 4</b>		<b>1 Credit=15 hrs</b>
<b>FM=75, SIE-15, ESE-60</b>		<b>PM=6+24= 30</b>
<b>Time:</b>		<b>SIE-1Hour ESE-3 Hours</b>
<b>Unit 1:Introduction:</b> <ul style="list-style-type: none"><li>• Definition of crime and Criminal Psychology</li><li>• Types of Crime</li><li>• Historical perspective of criminal behaviour</li></ul> <b>Unit 2: Technique of studying criminal behaviour:</b> <ul style="list-style-type: none"><li>• Observation with special reference to Participant Observation</li><li>• The case study</li><li>• The Interview</li></ul> <b>Unit 3: Analysis of Crime:</b> <ul style="list-style-type: none"><li>• Concept of learning</li><li>• Biological Factors</li><li>• Socio-cultural Factors</li><li>• Economical Factors</li><li>• Psychological Factors</li><li>• Environmental and, Family factor</li></ul> <b>Unit 4: Aggression and Juvenile Delinquency:-</b> <ul style="list-style-type: none"><li>• <b>Aggression</b> –Theory behind aggressive behaviour–Instinct theory;DriveTheory</li><li>• <b>Juvenile Delinquency</b>–Nature, causes, reformative measures;</li></ul> <b>Unit 5: Terrorism, Substance abuse and Prevention and Control of Crime</b> <ul style="list-style-type: none"><li>• <b>Terrorism</b>– Concept, genesis, development and reformative measures;</li></ul>		

- **Substance abuse**-Nature, factors, treatment
- **Prevention and Control of Crime**- Concept, genesis, development and reformative measures;

**BOOKS RECOMMENDED:**

1. Feldman, M. P. (1997) Criminal behaviour: A Psychological Analysis. London Wiley.
2. Kushner, W. W. (1990) The Future of Terrorism: New Delhi. Wheeler Pub. Co.
3. Reid, S. T. (1979) Criminal and Criminology. New York: Holt Rinehart & Whisler.
4. Weis, J.C.; R.D. Cruchfield, G.S.: Bridges (1996) Juvenile Delinquency. New Delhi: Sage Pub.
5. Madan, G.R. (2002) Indian Social Problems. Vol. (1) New Delhi: ALLIED Pub.
6. Ahuza, R. (2002) Social Problems in India. Rawat Pub. Jaipur.
7. Akhilesh, S. (2000) Balapraddh. New Delhi. Classical.

**Semester-VI**

**Practical**

**Course Title:** Practical-( Disciplinary/Interdisciplinary Minor-MN-3) **Psychology of Criminal Behaviours**

**Practical Hours:** 04 hours per week

**Course Credits:** 02, 1 Credit-30 hrs

**Practical Full Marks:** 25 Marks

**Pass Marks:** 10

**Paper Code:** MN-3P

**Minimum 04 Practical to be conducted**

1. Simple Method in Verbal learning
2. Serial Method in Verbal learning
3. Paired Associate Method in Verbal learning
4. Whole vs Part Method in Verbal learning
5. Massed vs distributed practice in Verbal learning

**SCHEME OF MARKS**

**25 marks for end Sem exam will be divided as follows:**

•	Plan and procedure	07
•	Conducting one experiment	08
•	Results and discussion	05
•	Viva	05
•	Total	25

**Reference Books:**

1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.
3. Sinha, R.R.P. (2001). Manovigyan me prayog, Pariksha aur Snakhiyeki. Patna: Bharti Bhawan
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan

# FORMAT OF QUESTION PAPER FOR SEMESTER INTERNAL EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

## Question format for 10 Marks:

F.M.=10	Subject/Code Time=1Hr.	Exam Year
<b>General Instruction:</b>		
i. Group A carries very short answer type compulsory question. ii. Answer 1 out of 2 subjective/descriptive questions given in Group B. iii. Answer in your own words as far as practicable. iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.		
<b><u>Group A</u></b>		
1.	i. .... ii. .... iii. .... iv. .... v. ....	[5x1=5]
<b><u>Group B</u></b>		
2. ....		[5]
3. ....		[5]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

# FORMAT OF QUESTION PAPER FOR SEMESTER INTERNAL EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

## Question format for 20 Marks:

F.M.=20	Subject/Code Time=1Hr.	Exam Year
<b>General Instruction:</b>		
<ul style="list-style-type: none"><li>i. Group A carries very short answer type compulsory question.</li><li>ii. Answer 1 out of 2 subjective/descriptive questions given in Group B.</li><li>iii. Answer in your own words as far as practicable.</li><li>iv. Answer all sub parts of a question at one place.</li><li>v. Numbers in right indicate full marks of the question.</li></ul>		
<b>Group A</b>		
1.	<ul style="list-style-type: none"><li>i. ....</li><li>ii. ....</li><li>iii. ....</li><li>iv. ....</li><li>v. ....</li></ul>	[5x1=5]
2.	.....	[5]
<b>Group B</b>		
3	.....	[10]
4	.....	[10]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

# FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

## Question format for 50 Marks:

F.M.=50	Subject/Code Time=3Hrs.	Exam Year
<b>General Instruction:</b>		
i.	Group A carries very short answer type compulsory question.	
ii.	Answer 3 out of 5 subjective/descriptive questions given in Group B.	
iii.	Answer in your own words as far as practicable.	
iv.	Answer all sub parts of a question at one place.	
v.	Numbers in right indicate full marks of the question.	
<b><u>Group A</u></b>		
1.		[5x1=5]
	i. ....	
	ii. ....	
	iii. ....	
	iv. ....	
	v. ....	
<b><u>Group B</u></b>		
2. ....		[15]
3. ....		[15]
4. ....		[15]
5. ....		[15]
6. ....		[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

Question format for 60 Marks:

F.M.=60	Subject/Code Time=3Hrs.	Exam Year
<b>General Instruction:</b>		
i.	Group A carries very short answer type compulsory question.	
ii.	Answer 3 out of 5 subjective/descriptive questions given in Group B.	
iii.	Answer in your own words as far as practicable.	
iv.	Answer all sub parts of a question at one place.	
v.	Numbers in right indicate full marks of the question.	
<u>Group A</u>		
1.		[5x1=5]
i.	.....	
ii.	.....	
iii.	.....	
iv.	.....	
v.	.....	
2.	.....	[5]
3.	.....	[5]
<u>Group B</u>		
4.	.....	[15]
5.	.....	[15]
6.	.....	[15]
7.	.....	[15]
8.	.....	[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

# FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Bino Bihari Mahato Koylanchal University, Dhanbad

Question format for 75 Marks:

F.M.=75	Subject/Code Time=3Hrs.	Exam Year
<b>General Instruction:</b>		
i.	Group A carries very short answer type compulsory question.	
ii.	Answer 4 out of 6 subjective/descriptive questions given in Group B.	
iii.	Answer in your own words as far as practicable.	
iv.	Answer all sub parts of a question at one place.	
v.	Numbers in right indicate full marks of the question.	
1.	i. .... ii. .... iii. .... iv. .... v. ....	[5x1=5]
2.	.....	[5]
3.	.....	[5]
<b>Group B</b>		
4.	.....	[15]
5.	.....	[15]
6.	.....	[15]
7.	.....	[15]
8.	.....	[15]
9.	.....	[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		



# FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

## Question format for 100 Marks:

F.M.=100	Subject/Code Time=3Hrs.	Exam Year
<b>General Instruction:</b>		
i.	Group A carries very short answer type compulsory question.	
ii.	Answer 4 out of 6 subjective/descriptive questions given in Group B.	
iii.	Answer in your own words as far as practicable.	
iv.	Answer all sub parts of a question at one place.	
v.	Numbers in right indicate full marks of the question.	
<b><u>Group A</u></b>		
1.		[10x1=10]
i.	.....	vi. ....
ii.	.....	vii. ....
iii.	.....	viii. ....
iv.	.....	ix. ....
v.	.....	x. ....
2.	.....	[5]
3.	.....	[5]
<b><u>Group B</u></b>		
4.	.....	[20]
5.	.....	[20]
6.	.....	[20]
7.	.....	[20]
8.	.....	[20]
9.	.....	[20]
<b>Note: There may be subdivisions in each question asked in Theory Examination.</b>		