

**Syllabus for  
Bachelor of Arts in Psychology (Gen/Pass)  
Under Choice Based Credit System**

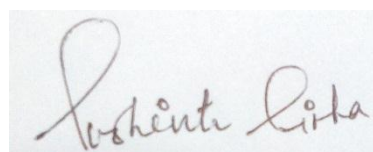
**Academic Session:  
w.e.f. 2020-2023**



*for*  
***All Constituent/Affiliated Colleges Under***  
**Binod Bihari Mahto Koyalanchal University,**  
**Dhanbad**

## **Members of Board of Studies of CBCS Under- Graduate Syllabus as per Guidelines of the Binod Bihari Mahto Koyalanchal University, Dhanbad.**

1. Dr. Sudhinta Sinha, - Chairman  
Associate Professor& Head,  
University Dept. of Psychology, BBMKU, Dhanbad
2. Dr. Kavita Singh, - Internal Member  
Associate Professor  
University Dept. of Psychology, BBMKU, Dhanbad
3. Dr. Meera Jaiswal, Professor (Retd.) - External Member  
University Dept. of Psychology,  
Ranchi University, Ranchi
4. Dr. Sadique Razaque - External Member  
Associate Professor& Head  
University Dept. of Psychology, VBU, Hazaribag
5. Dr. J. P.Mishra, - External Member  
Associate Professor& Head  
University Dept. of Psychology,  
Kolhan University, Chaibasa
6. Dr. Devendra Kumar, University Professor - Expert Member  
University Dept. of Psychology, M.U. Bodh Gaya
6. Dr. S.K. Gandhi, University Professor - Expert Member  
University Dept. of Psychology,  
University of Kalyani (WB)
7. Dr. R.S. Yadav, - Invited Member  
Associate Professor & Ex- Head (Retd.)  
University Dept. of Psychology, BBMKU, Dhanbad
8. Dr. Meena Srivastava - Invited Member  
Associate Professor& Proctor, BBMKU, Dhanbad



Dr. Sudhinta Sinha  
Associate Professor& Head  
University Dept. of Psychology  
BBMKU, Dhanbad

## CONTENTS

<b>S. No.</b>	<b>Topic/Title</b>	<b>Page No.</b>
<b>1.</b>	<b>GENERAL PSYCHOLOGY</b>	<b>9-10</b>
<b>2.</b>	<b>SOCIAL PSYCHOLOGY</b>	<b>11-13</b>
<b>3.</b>	<b>PSYCHOLOGICAL DISORDERS</b>	<b>14-15</b>
<b>4.</b>	<b>STATISTICS IN PSYCHOLOGY</b>	<b>17-18</b>
<b>5.</b>	<b>EDUCATIONAL PSYCHOLOGY</b>	<b>20-21</b>
<b>6.</b>	<b>ORGANIZATIONAL PSYCHOLOGY</b>	<b>22-23</b>
<b>7.</b>	<b>HEALTH PSYCHOLOGY</b>	<b>24-25</b>
<b>8.</b>	<b>HUMAN RESOURCE MANAGEMENT</b>	<b>27-28</b>
<b>9.</b>	<b>COUNSELLING PSYCHOLOGY</b>	<b>29-30</b>
<b>10.</b>	<b>POSITIVE PSYCHOLOGY</b>	<b>31-32</b>
<b>11.</b>	<b>FORMATE OF QUESTION PAPERS</b>	<b>34-36</b>

## COURSE STRUCTURE

Semester	Course Code	Name of Paper	Full Marks	End Semester Marks	Mid Semester (Internal) Marks
<b>I</b>	<b>XYZ-G-DSC-101A-T</b> (06 Credits, 60 Lectures & 15 Tutorials) <b>or</b> <b>PSY-G-DSC-101A-T</b> (04 Credits, 60 Lectures) <b>PSY-G-DSC-101A-P</b> (02 Credits, 30 Lectures)	General Psychology  Practical	100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5
	<b>XYZ-G-DSC-102A-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSC-102A-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSC-102A-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines		100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5
	<b>XYZ-G-DSC-103A-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSC-103A-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSC-103A-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines		100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5
	<b>PSY-G-AECC-101-T</b> Language (English/Hindi/NH+MB) (02 Credits, 30 Lectures)	Hindi/Eng./Non-Hindi	50	40	10
<b>II</b>	<b>XYZ-G-DSC-201B-T</b> (06 Credits, 60 Lectures & 15 Tutorials)		100 <b>or</b>	80 <b>or</b>	20 <b>or</b>

	<p><b>or</b>  <b>PSY-G-DSC-201B-T</b>  (04 Credits, 60 Lectures)  <b>PSY-G-DSC-202B-P</b>  (02 Credits, 30 Lectures)</p>	<p>Social Psychology</p> <p>Practical</p>	<p>75</p> <p>25</p>	<p>60</p> <p>20</p>	<p>15</p> <p>5</p>
	<p><b>XYZ-G-DSC-201B-T</b>  (06 Credits, 60 Lectures &amp; 15 Tutorials)  Choice to choose from other disciplines  <b>or</b>  <b>XYZ-G-DSC-202B-T</b>  (04 Credits, 60 Lectures)  <b>XYZ-G-DSC-202B-P</b>  (02 Credits, 30 Lectures)  Choice to choose from other disciplines</p>		<p>100</p> <p><b>or</b> 75</p> <p>25</p>	<p>80</p> <p><b>or</b> 60</p> <p>20</p>	<p>20</p> <p><b>or</b> 15</p> <p>5</p>
	<p><b>XYZ-G-DSC-203B-T</b>  (06 Credits, 60 Lectures &amp; 15 Tutorials)  Choice to choose from other disciplines  <b>or</b>  <b>XYZ-G-DSC-203B-T</b>  (04 Credits, 60 Lectures)  <b>XYZ-G-DSC-203B-P</b>  (02 Credits, 30 Lectures)  Choice to choose from other disciplines</p>		<p>100</p> <p><b>or</b> 75</p> <p>25</p>	<p>80</p> <p><b>or</b> 60</p> <p>20</p>	<p>20</p> <p><b>or</b> 15</p> <p>5</p>
	<p><b>PSY-G-AECC-202-T</b>  Environmental Science  (02 Credits, 30 Lectures)</p>	<p>Environmental Science</p>	<p>50</p>	<p>40</p>	<p>10</p>
<b>III</b>	<p><b>XYZ-G-DSC-301C-T</b>  (06 Credits, 60 Lectures &amp; 15 Tutorials)  <b>or</b>  <b>PSY-G-DSC-301C-T</b>  (04 Credits, 60 Lectures)  <b>PSY-G-DSC-301C-P</b>  (02 Credits, 30 Lectures)</p>	<p>Psychological Disorders</p> <p>Practical</p>	<p>100</p> <p><b>or</b> 75</p> <p>25</p>	<p>80</p> <p><b>or</b> 60</p> <p>20</p>	<p>20</p> <p><b>or</b> 15</p> <p>5</p>
	<p><b>XYZ-G-DSC-302C-T</b>  (06 Credits, 60 Lectures &amp; 15 Tutorials)  Choice to choose from other disciplines  <b>or</b>  <b>XYZ-G-DSC-302C-T</b>  (04 Credits, 60 Lectures)</p>		<p>100</p> <p><b>or</b> 75</p> <p>25</p>	<p>80</p> <p><b>or</b> 60</p> <p>20</p>	<p>20</p> <p><b>or</b> 15</p> <p>5</p>

	<b>XYZ-G-DSC-302C-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines			
	<b>XYZ-G-DSC-303C-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSC-303C-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSC-303C-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines	100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5
	<b>PSY-G-SEC-301-T</b> (02 Credits, 30 Lectures) (Annexure-1)	50	40	10
<b>IV</b>	<b>XYZ-G-DSC-401D-T</b> (06 Credits, 60 Lectures & 15 Tutorials) <b>or</b> <b>PSY-G-DSC-401D-T</b> (04 Credits, 60 Lectures) <b>PSY-G-DSC-401D-P</b> (02 Credits, 30 Lectures)	100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5
	<b>XYZ-G-DSC-402D-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSC-402D-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSC-402D-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines	100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5
	<b>XYZ-G-DSC-403D-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSC-403D-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSC-403D-P</b> (02 Credits, 30 Lectures)	100 <b>or</b> 75  25	80 <b>or</b> 60  20	20 <b>or</b> 15  5

	Choice to choose from other disciplines				
	<b>PSY-G-SEC-402-T</b> (02 Credits, 30 Lectures) (Annexure-1)		50	40	10
<b>V</b>	<b>XYZ-G-DSE-501A-T</b> (06 Credits, 60 Lectures & 15 Tutorials) <b>or</b> <b>PSY-G-DSE-501A-T</b> (04 Credits, 60 Lectures) <b>PSY-G-DSE-501A-P</b> (02 Credits, 30 Lectures)	1. Educational Psychology Practical <b>or</b> 2. Organizational Psychology Practical <b>or</b> 3. Health Psychology Practical	100 <b>or</b> 75 25	80 <b>or</b> 60 20	20 <b>or</b> 15 5
	<b>XYZ-G-DSE-502A-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSE-502A-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSE-502A-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines		100 <b>or</b> 75 25	80 <b>or</b> 60 20	20 <b>or</b> 15 5
	<b>XYZ-G-DSE-503A-T</b> (06 Credits, 60 Lectures & 15 Tutorials) Choice to choose from other disciplines <b>or</b> <b>XYZ-G-DSE-503A-T</b> (04 Credits, 60 Lectures) <b>XYZ-G-DSE-503A-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines		100 <b>or</b> 75 25	80 <b>or</b> 60 20	20 <b>or</b> 15 5
	<b>PSY-G-SEC-503-T</b> (02 Credits, 30 Lectures) (Annexure-1)		50	40	10
	<b>XYZ-G-DSE-601AB-T</b> (06 Credits, 60 Lectures & 15 Tutorials)		100	80	20

	<p style="text-align: center;"><b>or</b></p> <p style="text-align: center;"><b>PSY-G-DSE-601B-T</b> (04 Credits, 60 Lectures)</p> <p style="text-align: center;"><b>PSY-G-DSE-601B-P</b> (02 Credits, 30 Lectures)</p>	<p>1. Human Resource Management Practical <b>or</b></p> <p>2. Counseling Psychology Practical <b>or</b></p> <p>3. Positive Psychology Practical</p>	<p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">75</p> <p style="text-align: center;">25</p>	<p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">60</p> <p style="text-align: center;">20</p>	<p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">15</p> <p style="text-align: center;">5</p>
	<p style="text-align: center;"><b>XYZ-G-DSE-602B-T</b> (06 Credits, 60 Lectures &amp; 15 Tutorials) Choice to choose from other disciplines</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;"><b>XYZ-G-DSE-602B-T</b> (04 Credits, 60 Lectures)</p> <p style="text-align: center;"><b>XYZ-G-DSE-602B-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines</p>		<p style="text-align: center;">100</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">75</p> <p style="text-align: center;">25</p>	<p style="text-align: center;">80</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">60</p> <p style="text-align: center;">20</p>	<p style="text-align: center;">20</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">15</p> <p style="text-align: center;">5</p>
	<p style="text-align: center;"><b>XYZ-G-DSE-603B-T</b> (06 Credits, 60 Lectures &amp; 15 Tutorials) Choice to choose from other disciplines</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;"><b>XYZ-G-DSE-603B-T</b> (04 Credits, 60 Lectures)</p> <p style="text-align: center;"><b>XYZ-G-DSE-603B-P</b> (02 Credits, 30 Lectures) Choice to choose from other disciplines</p>		<p style="text-align: center;">100</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">75</p> <p style="text-align: center;">25</p>	<p style="text-align: center;">80</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">60</p> <p style="text-align: center;">20</p>	<p style="text-align: center;">20</p> <p style="text-align: center;"><b>or</b></p> <p style="text-align: center;">15</p> <p style="text-align: center;">5</p>
	<p style="text-align: center;"><b>PSY-G-SEC-604-T</b> (02 Credits, 30 Lectures) (Annexure-1)</p>		<p style="text-align: center;">50</p>	<p style="text-align: center;">40</p>	<p style="text-align: center;">10</p>
<b>Total Marks</b>			<b>2100</b>	<b>1680</b>	<b>420</b>

**Note:**

- For General/Pass Course: In Core Courses as DSC: select 03 papers from each of the 03 disciplines of choice for Semester I to IV and in Elective Courses as DSE: select 02 papers from each of the 03 disciplines of choice including interdisciplinary nature for



Semester V to VI.

- **Symbol of Paper: XYZ-H-C-101-T:** The first three symbols in Roman capital letters indicate the subject; the next symbol H or G indicate Honours or General course; the next symbol(s) denotes Core (C), Generic Elective (GE), Discipline Specific Elective (DSE), Discipline Specific Choice (DSC), AECC, SEC, etc. Out of the next three digits, the first digit indicates the semester e.g. 1,2,3,4,5,6 for semester I, II, III, IV, V, VI respectively, and the next two digits indicate paper number. The last letter T or P indicates Theory or Practical.

## SEMESTER-I

<b>PSY-G-DSC-101A-T</b>	<b>GENERAL PSYCHOLOGY</b>	<b>(04 Credits, 60 Lectures)</b>
-------------------------	---------------------------	----------------------------------

*Instruction to Question Setter for End Semester Theory Examination (ESE): There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (six questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 3 marks (2 Questions). Group B will contain descriptive type eight questions of twelve marks each, out of which any four are to answer. Each question carries 12 marks.*

### **Unit 1: Introduction:**

Definition and Goals of psychology; Methods of Psychology- Observation, Experimental, and Interview method

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

Structure and function of eye and ear; Perception: Concept and process,  
Views on perception: Behavioristic and Gestalt, Perceptual organization,  
Social and personal factors in perception, Role of attention in perception

### **Unit 2: Learning:**

Nature and Definitions of Learning; Role of Motivation in Learning; Theories of Learning- Thorndike's Trial and Error theory, Kohlar & Kafka's Insight theory, Pavlov's Conditioning theory

**Unit 4: Memory:**

Nature and Definitions of Memory; Process of Memory; Types of memory

**Forgetting:** Nature and Definitions of Forgetting; Causes of Forgetting

**BOOK RECOMMENDED**

1. Wood, S.E. and Wood, E.G. (1996): The world of Psychology. New York: Allyn-Bacon.
2. Rahman, A. (1998): Samanya Manovigyan Vishay aur Viyakhya: Motilal Banarasidas.
3. Suleiman, Md (1996): Uchhtar Samanya Manovigyan: Patna: Motilal Banarsidas.

-----

<b>PSY-G-DSC-101A-P</b>	<b>PRACTICAL</b>	<b>(02 Credits, 30 Lectures)</b>
-------------------------	------------------	----------------------------------

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

**Unit 1: Verbal learning:**

- (1) Simple reproduction
- (2) Serial reproduction
- (3) Comparison of simple and serial reproduction methods

## Unit 2: Method of Learning:

- (1) Massed vs Distributed method
- (2) Part vs Whole method

### BOOK RECOMMENDED

1. Sinha R.R.P and Mishra, B.K. (1984). Manovigyan Mein Prayog ewam Sankhiyeki Patna: Bharati Bhawan.
2. Suleiman, Md. (1996): Manovigyanik prayog aur Parikshan. Patna: Motilal Banarsidas.
3. Mohsin, S.M. (1982). Experimental Psychology Patna Motilal Banarsidas.
4. Singh, A.K. (2011). Uchchtar Manovyganic prayog evam parikshan. Patna: Bharti Bhawan

-----

<b>PSY-G-AECC-101-T</b> Language (English/Hindi/NH+MB)	<b>HINDI/ENGLISH</b>	(02 Credits, 30 Lectures)
--	----------------------	------------------------------

#### ***Instruction to Question Setter for End Semester Examination (ESE):***

*Or There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (four questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 2 marks (2 Questions). Group B will contain descriptive type eight questions of eight marks each, out of which any four are to answer. Each question carries 08 marks.*

-----

### SEMESTER-II

<b>PSY-G-DSC-201B-T</b>	<b>SOCIAL PSYCHOLOGY</b>	<b>(04 Credits, 60 Lectures)</b>
-------------------------	--------------------------	----------------------------------

***Instruction to Question Setter for End Semester Theory Examination (ESE):*** *There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (six questions).*

*Question No.1 (B) will be short answer type to be answered in about 50 words of 3 marks (2 Questions). Group B will contain descriptive type eight questions of twelve marks each, out of which four are to answer. Each question carries 12 marks.*

**Unit 1: Introduction :**

Nature and Definition; Scope and Utility; Relationship with Sociology and Anthropology

**Unit II: Leadership :**

Nature and Definition; Type and Traits of leadership; Functions of leader; Difference between Democratic and Authoritarian leadership

**Unit III: Public Opinion:**

Definition; Factors influencing Public Opinion; Role of media in Public Opinion; Measurement of Public Opinion

**Unit IV: Social Tension:**

Nature, Causes and Remedies

**BOOK RECOMMENDED**

1. Baron, R.A and Byrne, D. (2000). Social Psychology. New Delhi: Prentice Hall.
2. Pandey, J. (Ed.) (1998). Psychology in India: The state of the art. Basic and applied social psychology. (Vol.II). New Delhi: Sage.
3. Secord and Backman (1978). Social Psychology. New York: McGraw Hill.
4. Singh, A.K. (2002). Samaj Manovigyan Ki Roop Rekha. Patna: Motilal Banarsidas (In Hindi).

5.Suleman, Md. (1991). Adhunik Samaj Manovigyan. Patna: Shukla Book Depot (In Hindi).

-----

<b>PSY-G-DSC-201B-P</b>	<b>PRACTICAL</b>	<b>(02 Credits, 30 Lectures)</b>
-------------------------	------------------	----------------------------------

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

**1. Sensory-Motor Learning:**

- (1) Effect of practice on sensory-motor learning.
- (2) Bi-lateral transfer. (Positive transfer)
- (3) Habit-interference (negative transfer)

**2. Color Preference:**

- (1) By the method of Paired Comparison.

**BOOK RECOMMENDED**

1. Suleman, Md. (2012). Manovigyan Mein Prayog aur Parikshan. Patna: Motilal Banarisidas.
2. Sinha, R.R.P and Mishra, B.K. (1984). Manovigyan Mein prayog ewam sankhiyeki. Patna: Bharati Bhawarn .
3. Mohsin, S.M. (1982). Experimental Psychology. Patna: Motilal Banarsidas.

-----

<b>PSY-G-AECC-202-T</b>	<b>ENVIRONMENTAL SCIENCE</b>	<b>(02 Credits, 30 Lectures)</b>
-------------------------	------------------------------	----------------------------------

**Instruction to Question Setter for End Semester Examination (ESE):** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (four questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 2 marks (2 Questions). Group B will contain descriptive type eight questions of eight marks each, out of which any four are to answer. Each question carries 08 marks.

### **AECC – ENVIRONMENT SCIENCE**

**Theory: 30 Lectures**

#### **Unit 1 : Introduction to environmental studies**

- Multidisciplinary nature of environmental studies;
  - Scope and importance; Concept of sustainability and sustainable development.
- **(2 lectures)**

#### **Unit 2 : Ecosystems**

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems :

- a. Forest ecosystem
- b. Grassland ecosystem
- c. Desert ecosystem
- d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) **(2 lectures)**

- 
- 
- 
- 
- 

**References:**

### **SEMESTER-III**

<b>PSY-G-DSC-301C-T</b>	<b>PSYCHOLOGICAL DISORDERS</b>	<b>(04 Credits, 60 Lectures)</b>
-------------------------	--------------------------------	----------------------------------

**Instruction to Question Setter for End Semester Theory Examination (ESE):** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (six questions).

*Question No.1 (B) will be short answer type to be answered in about 50 words of 3 marks (2 Questions). Group B will contain descriptive type eight questions of twelve marks each, out of which any four are to answer. Each question carries 12 marks.*

**Unit I. Introduction:**

Nature and definition; Difference between Normal and abnormal;  
Criteria of abnormality

**Unit II: Psychosis and Psychoneurosis:**

Concept and Difference between psychosis and psychoneurosis; Anxiety Disorder- signs and symptoms, etiology and treatment; Conversion Disorder (Hysteria) signs and symptom, etiology and treatment; Schizophrenia, signs and symptoms, etiology and treatment

**Unit III: Alcoholism and Drug Addiction**

Nature, Clinical sign and symptoms; Causes and Rehabilitation

**Unit IV: Mental Retardation:**

Nature, types, Characteristics and Classifications,  
Causes and Behaviour modification

**BOOK RECOMMENDED**

1. Ohman TF and Emery R.E. (1995). Abnormal Psychology. New Delhi: Prentice Hill of India Pvt Ltd.
2. Adams, HE and Sutkar, P.B. (1984). Comprehensive Hand Book of Psychopathology.
3. Singh, A.K. (2002). Adhunik Asamanya Manovigyan. Patna: Motilal Banarsidas.
4. Q.G. Alam and Srivastava, A. (2012). Apsmany Manovigyan Azamgarh: Motilal Banarsidas.

-----

<b>PSY-G-DSC-301C-P</b>	<b>PRACTICAL</b>	<b>(02 Credits, 30 Lectures)</b>
-------------------------	------------------	----------------------------------

***Instruction to Question Setter for End Semester Practical Examination (ESE):*** The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.

Two questions will be set out of which candidates shall be required to answer any one question.

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

#### **BOOK RECOMMENDED**

1. Groth- Marnat, Garry (2005). The Handbook of Psychological Assessment (4 Ed). New York: John Wiley and Sons.
2. Suleman, M. (2012) Manovigyan Mein Prayog aur Parikshan. Patna: Motilal Banarsidas. (In Hindi)
3. Singh, A.K. (2011). Uchhtar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan (In Hindi).

-----

#### **SEMESTER-III**

<b>PSY-G-SEC-301-T</b>	<b>Name of Paper</b>	<b>(02 Credits, 30 Lectures)</b>
------------------------	----------------------	----------------------------------

***Instruction to Question Setter for End Semester Examination (ESE):*** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and



will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (four questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 2 marks (2 Questions). Group B will contain descriptive type eight questions of eight marks each, out of which any four are to answer. Each question carries 08 marks.

.  
.  
.

#### SEMESTER-IV

<b>PSY-G-DSC-401D-T</b>	<b>STATISTICAL METHODS IN PSYCHOLOGY</b>	<b>(04 Credits, 60 Lectures)</b>
-------------------------	--	----------------------------------

**Instruction to Question Setter for End Semester Theory Examination (ESE):** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (six questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 3 marks (2 Questions). Group B will contain descriptive type eight questions of twelve marks each, out of which any four are to answer. Each question carries 12 marks.

**Unit 1: Introduction:**

Meaning and application of Statistics in Psychology; Scale of measurements

**Unit 2: Frequency Distribution:**

Range; Frequency Distribution; Graphical representation of data

**Unit 3: Measures of Central Tendency & Variability:**

Mean; Median; Mode (Properties & computations)  
Quartile Deviation; Average Deviation; Standard Deviation (Properties & computations)

## Unit 1: Psychological Testing:

Introduction to Psychological testing; Characteristics of test; Reliability; Validity; Norms; Standardization and types of tests

### BOOK RECOMMENDED

1. Suleman, Md. (2012). Shikah and Manovigyan the shankhiki. Patna: Motilal Banarsidas.
2. Singh, A.K. (2012). Shiksha aum Manovigyan Me Shankhikis. Patna: Motilal Banarsidas.
3. Garrelt, H.E (2012). Statistics in Psychology and education. New Delhi; Surjeet publication.
4. Chadha, N.K. and Sehgal, P.R.L. (1984). Statistical Methods in Psychology. New York: EEP.
5. Mohsin, SM (1992). Fundamental Statistics in Behavioural Sciences. Patna: Motilal Banarsidas.
6. Kurtz, A.K. and Mayo, M.T. (1979). Statistical Methods in Education and Psychology. New York: Springer-Verlag.

-----

PSY-G-DSC-401D-P	PRACTICAL	(02 Credits, 30 Lectures)
------------------	-----------	---------------------------

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

### Unit 1: Attention:

- (1) Distraction of Attention.
- (2) Span of Attention.

## Unit 2: Forgetting

- (1) Test of retroactive inhibition.
- (2) Test of proactive inhibition.

### BOOK RECOMMENDED

1. Groth- Marnat, Garry (2005). The Handbook of Psychological Assessment ( 4 Ed). New York: John wiley and Sons.
2. Suleiman, M. (2012) Manovigyan Mein Prayog aur Parikshan. Patna: Motilal Banarisidas.
3. Singh, A.K. (2011). Uchhtar Monovaigyanik Mein Prayog aur Parikshan. Patna: Bharti Bhawan.

-----

### SEMESTER-IV

PSY-H-SEC-402-T	Name of Paper	(02 Credits, 30 Lectures)
-----------------	---------------	---------------------------

***Instruction to Question Setter for End Semester Examination (ESE):*** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (four questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 2 marks (2 Questions). Group B will contain descriptive type eight questions of eight marks each, out of which any four are to answer. Each question carries 08 marks.

## SEMESTER-V

PSY-G-DSE-501A-T	<b>1. EDUCATIONAL PSYCHOLOGY PRACTICAL</b>	<b>(04 Credits, 60 Lectures)</b>
PSY-G-DSE-501A-P	or <b>2. ORGANIZATIONAL PSYCHOLOGY PRACTICAL</b> or <b>3. HEALTH PSYCHOLOGY PRACTICAL</b>	<b>(02 Credits, 30 Lectures)</b>
	<i>Choose any one</i>	

***Instruction to Question Setter for End Semester Theory Examination (ESE):*** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (six questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 3 marks (2 Questions). Group B will contain descriptive type eight questions of twelve marks each, out of which any four are to answer. Each question carries 12 marks.

## EDUCATIONAL PSYCHOLOGY

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

Definition and Scope of educational psychology; Contribution of psychology in education

### **Unit 2: Human Development:**

Concept, principles and sequential stages of development; Factors influencing development and their relative roles; General characteristics and problem for each stage

### **Unit 3: Learning:**

Concept, Types of learning.  
Various viewpoints of learning

#### **Unit 4: Individual difference:**

Concept of individual difference; Creativity - nature, process, identification, fostering and guiding, creative children; Adjustment of teaching- learning process to suit individual difference, learning style and teaching strategies

#### **BOOK RECOMMENDED**

1. Kakar (2015). Educational Psychology. New Delhi: Prentice Hall.
2. Skinner (2010). Educational Psychology. New York: Academic.
3. Singh, A.K. (2015). Shiksha Manovigyan. Patna: Motilal Banarsidas.
4. Suleman, Md. (2015) Ucchar Shiksha Manovigyan. Patna: Motilal Banarsidas.

-----

#### **EXPERIMENT**

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

#### **Testing:**

1. Academic Anxiety Scale (Hindi) by Pal, Mishra and Panday
2. Peer Pressure Scale (Hindi/ Eng.) by Kusum Tyagi and Nidhi Gupta
3. Achievement Motivation Scale by O.P.Mishra and S.K.Srivastava
4. Youth Problem Inventory (YPI) (Hindi) by Mithilesh Verma

## **BOOK RECOMMENDED**

1. Anastasi (1998) Psychological Testing. New York, Mc.Millan
2. Singh A. K. (2006). Advanced Psychological Experiments and Testing. Patna: Motilal Banarsidas Publication. (In Hindi).
3. Suleman, M . (1996). Manovigyan Me Prayog aum Parikshan. Patna: Motilal Banarisidas. (In Hindi).

-----

## **ORGANIZATIONAL PSYCHOLOGY**

### **Unit 1: Introduction and issues in Organizational Psychology:**

Brief History of Organizational Psychology; Current status of Organizational Psychology; Organizational behavior: Challenges in the Indian Setting

### **Unit 2: Work related attitudes and Work motivation:**

Job satisfaction - Determinants of job satisfaction; Organizational commitment; Job involvement; Organizational Citizenship Behavior

Work motivation: Early theories- Maslow, Mc Cleland and Two factor; Contemporary theories- Goal setting, Equity and Expectancy

### **Unit 3: Dynamics of Organizational Behavior:**

Organizational culture; Power and politics- Influence, Empowerment and Organizational politics; Positive Organizational behavior

### **Unit 4: Leadership:**

Basic approaches: Trait theories, Behavioural theories, Contingency theories

Contemporary Issues: Inspirational approaches to leadership; Challenges to the leadership role in Indian perspectives

### **BOOK RECOMMENDED**

1. Arndt, M.G. (2001). Industrial Organizational Psychology. Indiana: Cengage Learning.
2. Greenberg, J. and Baron, R.A. (2007). Behaviour in Organizations (9<sup>th</sup> Ed.). Indiana: Dorling Kindersley.
3. Luthans, F. (2009). Organizational Behaviour. New Delhi: McGraw Hill.
4. Muchinsky, P. (2006). Psychology Applied to Work: An Introduction to Industrial and Organizational Psychology. NC: Hypergraphic Press.
5. Pareek, U. (2010). Understanding Organizational Behaviour. Oxford: Oxford University Press.
6. Prakash, A. (2011). Organizational Behaviour in India: An indigenous perspective. In G. Misra (Ed.), Handbook of Psychology. New Delhi: Oxford University Press.
7. Singh, K. (2010). Organizational behaviour: Texts and Cases. Indiana: Dorling Kindersley.

-----

### **EXPERIMENT**

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

#### **Testing:**

1. Job Involvement Scale by A.P.Singh and R. Kapoor

2. Coping Strategies Test by A.K.Srivastava
3. Job Satisfaction Scale by S.K. Srivastava
4. The Occupational Stress Index (OSI) by A. K. Srivastava and O.P. Singh

### **BOOK RECOMENDED**

1. Anastasi (1998) Psychological Testing. New York, Mc.Millian
2. Singh A. K. (2006). Advanced Psychological Experiments and Testing. Patna: Motilal Banarsidas Publication. (In Hindi).
3. Suleman, M . (1996). Manovigyan Me Prayog aum Parikshan. Patna: Motilal Banarisidas. (In Hindi).

-----

### **HEALTH PSYCHOLOGY**

#### **Unit 1: Introduction:**

Introduction to Health Psychology; Components of health- social, emotional, cognitive and physical aspects; Mind and body relationship; Goals of health psychology; Bio-Psychosocial model of health

#### **Unit 2: Behaviour and health:**

Characteristics of health behavior; Barriers to health behavior; Theories of health behavior and their implications

#### **Unit 3: Stress :**

Nature, Sources, Effect of stress on physical and mental health; Coping and Stress management



#### **Unit 4: Health Management:**

Health enhancing behaviors: Exercise, Nutrition, Safety; Managing and controlling pain; Health protective behaviours; Management of illness

#### **BOOK RECOMMENDED**

1. Carr, A. (2004). Positive Psychology: The science of happiness and human strength. UK: Routledge.
2. DeMatteo, M. R. and Martin, L.R. (2002). Health Psychology. New Delhi: Pearson.
3. Misra, G. (1999). Stress and Health. New Delhi: Concept.
4. Sarafino, E.P. (2002). Health psychology: Bio-psychosocial interactions (4<sup>th</sup> Ed.).NY: Wiley.
5. Snyder, C.R., and Lopex, S.J. (2007). Positive Psychology: The Scientific and Practical Explorations of Human Strengths. Thousand Oaks, CA: Sage.
6. Taylor, S.E. (2006). Health Psychology (6<sup>th</sup> Ed.). New Delhi: Tata McGraw Hill.

-----

#### **EXPERIMENT**

***Instruction to Question Setter for End Semester Practical Examination (ESE):*** The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.

*Two questions will be set out of which candidates shall be required to answer any one question.*

#### **Testing:**

- (1) PGI Social Support Scale by S.K. Verma, P. Kulhara & Ritu Nehra

- (2) The Emotional Maturity Scale (EMS) by R.R.Tripathi
- (3) Life Satisfaction Scale (LSS) by Q.G. Alam & R. Srivastava
- (4) PGI Quality of Life Scale by S.K.Verma & A.C.Moudgil

### BOOK RECOMMENDED

1. Anastasi (1998) Psychological Testing. New York, Mc.Millan
2. Singh A. K. (2006). Advanced Psychological Experiments and Testing. Patna: Motilal Banarsidas Publication. (In Hindi).
3. Suleman, M . (1996). Manovigyan Me Prayog aum Parikshan. Patna: Motilal Banarisidas. (In Hindi).

-----

### SEMESTER-V

<b>PSY-G-SEC-503-T</b>	<b>Name of Paper</b>	<b>(02 Credits, 30 Lectures)</b>
------------------------	----------------------	----------------------------------

***Instruction to Question Setter for End Semester Examination (ESE):*** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (four questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 2 marks (2 Questions). Group B will contain descriptive type eight questions of eight marks each, out of which any four are to answer. Each question carries 08 marks.

## SEMESTER-VI

PSY-G-DSE-601B-T	<b>1. HUMAN RESOURCE MANAGEMENT PRACTICAL</b>	<b>(04 Credits, 60 Lectures)</b>
PSY-G-DSE-601B-P	<b>or</b> <b>2. COUNSELLING PSYCHOLOGY PRACTICAL</b> <b>or</b> <b>3. POSITIVE PSYCHOLOGY PRACTICAL</b>  <i>Choose any one</i>	<b>(02 Credits, 30 Lectures)</b>

*Instruction to Question Setter for End Semester Theory Examination (ESE): There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (six questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 3 marks (2 Questions). Group B will contain descriptive type eight questions of twelve marks each, out of which any four are to answer. Each question carries 12 marks.*

## HUMAN RESOURCE MANAGEMENT

### **Unit 1:Introduction to Human Resource Management (HRM):**

Definition, aims, needs and importance of HRM

### **Unit 2:Human Resource Practices:**

Job analysis, recruitment and selection, vocational guidance and training, performance and evaluation

### **Unit 3:Communication:**

Types, Barriers, importance of communications skills, Interpersonal relation in Organizations, Co-operation and We feeling

#### **Unit 4: Working Environment:**

Importance of work environment, physical environment- Illumination, temperature, noise and atmospheric condition

#### **.BOOK RECOMMENDED**

1. Bhatnagar, J. and Budhwar, J . (2009). The Changing Face of People Management in India. London: Routledge.
2. Briscoe, D. R., Schuler, R. S. and Claus, L. (2009). International Human Resource Management: Policies and Practices for Multinational Enterprises (3<sup>rd</sup> Ed). New York: Routledge.
3. DeCenzo, D. A and Robbins, S.P. (2006). Fundamentals of Human Resource Management (8<sup>th</sup> Ed). New York: Wiley.
4. Harzing, A.W.K. and Pennington, A. (2011). International Human Resource Management. New Delhi: Sage publications.
5. Khandelwal, K.A. (2009). In search of Indianess: Cultures of Multinationals. New Delhi: Knnishka Publishers.
6. Suleman and Choudhary (2000). Sangathnatmak Manaligyan Patna: Motilal Banarsidas.
7. Singh, N. Human Resource management. New Delhi: University science press.

-----

#### **EXPERIMENT**

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

#### **Testing:**

1. Organizational Climate Inventory (OCI Form B) by Somnath Chattopadhyaya and K.G. Agarwal
2. Managerial Aptitude Scale (MAS) by Santosh DHAR, Upindar Dhar and Priyanka Sharma
3. Employee's Motivation Scale by A.K, Srivastava
4. Employee's Mental Health Inventory (EMHI) by Jagdish

### **BOOK RECOMENDED**

1. Anastasi (1998) Psychological Testing. New York, Mc.Millian
2. Singh A. K. (2006). Advanced Psychological Experiments and Testing. Patna: Motilal Banarsidas Publication. (In Hindi).
3. Suleman, M . (1996). Manovigyan Me Prayog aum Parikshan. Patna: Motilal Banarisidas. (In Hindi).

-----

## **COUNSELLING PSYCHOLOGY**

### **Unit 1: Introduction:**

Meaning and goals of counseling; Counseling as a profession-Training, Skills and professional ethics; the effective counselor- Personality characteristics, skills, and self of counselor.

### **Unit 2:Counseling Process.**

Counseling process and Relationship; Stages of counseling; Assessment for counseling

### **Unit 3:Counseling Techniques:**

Techniques-Psychoanalytic techniques, Humanistic approaches, Behavioral techniques and, Cognitive techniques

### **Unit 4:Counseling Applications:**

Family and couples counseling; School/ Child counseling; Career counseling; Workplace counseling; and Crisis interventions

### **BOOK RECOMMENDED**

1. Feltham, C and Horton, I. (2000). Handbook of Counseling and Psychotherapy. London: Sage.
2. Gibson, R.L. and Mitchell, M.H. (2003). Introduction to Counseling and Guidance (6<sup>th</sup> Ed.). New Delhi: Pearson India.
3. Gliadding, S.T. (2009). Counseling: A Comprehensive Profession (6<sup>th</sup> Ed.) New Delhi: Pearson India.
4. Misra, G. (Ed.) (2010). Psychology in India, (Volume 3). Clinical and Health Psychology. New Delhi: Pearson India.
5. Rao, S. (2002). Counseling and Guidance (2<sup>nd</sup> Ed.) New Delhi: Mc Graw Hill.

-----

### **EXPERIMENT**

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

#### **Testing:**

1. Indian Adaptation of Children Personality Questionnaire (Hindi) by S.D. Kapoor and S. Rao
2. Eysenck's Personality Questionnaire
3. Dysfunction Analysis Questionnaire (DAQ) by D. Prashad
4. Emotional Intelligence Scale by S. Singh

## **BOOK RECOMENDED**

1. Anastasi (1998) Psychological Testing. New York, Mc.Millian
2. Singh A. K. (2006). Advanced Psychological Experiments and Testing. Patna: Motilal Banarsidas Publication. (In Hindi).
3. Suleman, M . (1996). Manovigyan Me Prayog aum Parikshan. Patna: Motilal Banarisidas. (In Hindi).

-----

## **POSITIVE PSYCHOLOGY**

### **Unit 1: Introduction:**

Meaning and concept of Positive Psychology; Perspective on Positive Psychology- Western and Eastern; Character strength and virtues

### **Unit 2: Positive emotional states and Process:**

Happiness and Wellbeing, Positive affect and Positive emotions, Emotional intelligence, Resilience

### **Unit 3: Positive cognitive states and Process:**

Self- efficacy, Optimism, Hope, Wisdom, Flow, Mindfulness

### **Unit 4: Applications:**

Work, Education, Ageing, Health

## **BOOK RECOMMENDED**

1. Carr, A. (2008) Positive Psychology: The science of happiness and human strengths. New Delhi: Routledge.
2. Haidt, J. (2006). The happiness hypothesis: Finding modern truth in ancient wisdom. New York: Basic Books.
2. Huppert, F.A.; Baylis, N. & Keverne, B. (2005). The science of wellbeing. Oxford: Oxford University press.
4. Lyubomirsky, S. (2007). The show of happiness: A scientific approach to getting the life you want. New York: Penguin.
5. Peterson, C. (2006). A primer in positive psychology. New York: Oxford university press.
6. Seliegan, M.E.P. (2002). Authentic happiness. New York: Free Press.

-----

## **EXPERIMENT**

*Instruction to Question Setter for End Semester Practical Examination (ESE): The questions in practical examination will be of equal to 20 marks and will be of 3 hours duration. Distribution of marks in practical paper of an end-semester examination will be of 60% in performance of experiment, 20% in record/note book and 20% in viva-voce.*

*Two questions will be set out of which candidates shall be required to answer any one question.*

### **Testing:**

1. PGI Quality of Life Scale by S.K.Verma and A.C. Moudgil
2. PGI General Wellbeing Measures (PGIGWBM) by S.K. Srivastava
3. Social Adjustment Inventory by R.C.Deva
4. The Emotional Maturity Scale (EMS) by R.R. Tripathy

## **BOOK RECOMENDED**



1. Anastasi (1998) Psychological Testing. New York, Mc.Millian
2. Singh A. K. (2006). Advanced Psychological Experiments and Testing. Patna: Motilal Banarsidas Publication. (In Hindi).
3. Suleman, M . (1996). Manovigyan Me Prayog aum Parikshan. Patna: Motilal Banarisidas. (In Hindi).

-----

### SEMESTER-VI

<b>PSY-G-SEC-604-T</b>	<b>Name of Paper</b>	<b>(02 Credits, 30 Lectures)</b>
------------------------	----------------------	----------------------------------

***Instruction to Question Setter for End Semester Examination (ESE):*** There will be two groups of questions. Five Questions to be answered out of Nine Questions. Group A is compulsory and will contain two questions. Question No.1 (A) will be MCQ of 1 mark each (four questions). Question No.1 (B) will be short answer type to be answered in about 50 words of 2 marks (2 Questions). Group B will contain descriptive type eight questions of eight marks each, out of which any four are to answer. Each question carries 08 marks.

## Format of question Papers of End-Semester Theory Examination

Copyright Reserved



**Binod Bihari Mahto Koyalanchal University, Dhanbad**

**End-Semester Examination xxxx (Session: xxxx-xx)**

**Subject/Code:**

Full Marks: 80

Pass Marks: 32

Time:3Hours

### **General Instructions:**

Candidates are required to give their answers in their own words as far as practicable.

The Questions are of equal value.

Answer any five questions of the following in which Q.1 is compulsory.

### **Group A**

#### **1. (A) Multiple Choice Questions**

**(1x8=08)**

- (i) .....
- (ii) .....
- (iii) .....
- (iv) .....
- (v) .....
- (vi) .....
- (vii) .....
- (viii) .....

#### **(B) Short answer type questions**

**(4x2=08)**

- (a) .....
- (b) .....

### **Group B**

**(Long answer type questions)**

Answer any four of the following.

**(16x4=64)**

- 2. ....
- 3. ....
- 4. ....
- 5. ....
- 6. ....
- 7. ....
- 8. ....

#### **9. Short notes type questions**

**(8x2=16)**

- (a) .....
- (b) .....
- (c) .....
- (d) .....



**Binod Bihari Mahto Koyalanchal University, Dhanbad**

End-Semester Examination xxxx (Session: xxxx-xx)

Subject/Code:

Full Marks: 60

Pass Marks: 24

Time: 3Hours

**General Instructions:**

Candidates are required to give their answers in their own words as far as practicable.

The Questions are of equal value.

Answer any five questions of the following in which Q.1 is compulsory.

**Group A**

1. (A) Multiple Choice Questions (1x6=06)

- (i) .....
- (ii) .....
- (iii) .....
- (iv) .....
- (v) .....
- (vi) .....

(B) Short answer type questions (3x2=06)

- (a) .....
- (b) .....

**Group B**

(Long answer type questions)

Answer any four of the following. (12x4=48)

- 2. ....
- 3. ....
- 4. ....
- 5. ....
- 6. ....
- 7. ....
- 8. ....

9. Short notes type questions (6x2=12)

- (a) .....
- (b) .....
- (c) .....
- (d) .....



**Binod Bihari Mahto Koyalanchal University, Dhanbad**

**End-Semester Examination xxxx (Session: xxxx-xx)**

**Subject/Code:**

Full Marks: 40

Pass Marks: 16

Time: 2Hours

**General Instructions:**

Candidates are required to give their answers in their own words as far as practicable.

The Questions are of equal value.

Answer any five questions of the following in which Q.1 is compulsory.

**Group A**

1. (A) Multiple Choice Questions (1x4=04)

(i) .....

(ii) .....

(iii) .....

(iv) .....

(B) Short answer type questions (2x2=04)

(a) .....

(b) .....

**Group B**

**(Long answer type questions)**

Answer any four of the following. (8x4=32)

2. ....

3. ....

4. ....

5. ....

6. ....

7. ....

8. ....

9. Short notes type questions (4x2=8)

(a) .....

(b) .....

(c) .....

(d) .....

.....X.....