Syllabus (Condensed) for Sem-III,Sem-IV,Sem-V 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

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COURSE STUCTURE

Semester	Course Code	Name of Paper	Full Marks	End Semester Marks	Mid Semester (Internal) Marks
I	XYZ-G-DSC-101A-T		100	80	20
	(06 Credits, 60 Lectures &	<u></u>			1
	15 Tutorials)		or	or	or
	or	General	75	60	15
	PSY-G-DSC-101A-T	Psychology			
	(04 Credits, 60 Lectures)		25	20	5
	PSY-G-DSC-101A-P	Practical			
	(02 Credits, 30 Lectures)				
	XYZ-G-DSC-102A-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)		or	or	or
	Choice to choose from other		75	60	15
	disciplines				_
	or		25	20	5
	XYZ-G-DSC-102A-T				
	(04 Credits, 60 Lectures)				
	XYZ-G-DSC-102A-P				
	(02 Credits, 30 Lectures)				
	Choice to choose from other				
	disciplines				
	XYZ-G-DSC-103A-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)		or	or	or
	Choice to choose from other		75	60	15
	disciplines			*-	_
	or		25	20	5
	XYZ-G-DSC-103A-T				
	(04 Credits, 60 Lectures)				
	XYZ-G-DSC-103A-P	,		-	
	(02 Credits, 30 Lectures)				
	Choice to choose from other				
	disciplines			·	
	PSY-G-AECC-101-T		50	40	10
	Language	Hindi/Eng./Non-	1		
	(English/Hindi/NH+MB)	Hindi			
	(02 Credits, 30 Lectures)				
П	XYZ-G-DSC-201B-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)		or	or	or .

Γ		Social	75	60	15
	or	1	13	60	13
	PSY-G-DSC-201B-T	Psychology			
	(04 Credits, 60 Lectures)	D (1)	2.5	20	
	PSY-G-DSC-202B-P	Practical	25	20	5
	(02 Credits, 30 Lectures)				
	XYZ-G-DSC-201B-T		100	80	20
	(06 Credits, 60 Lectures &	•			
	15 Tutorials)		or	or	or
	Choice to choose from other		75	60	* 15
	disciplines				
	or		25	20	5
	XYZ-G-DSC-202B-T	``			
	(04 Credits, 60 Lectures))		
	XYZ-G-DSC-202B-P				
	(02 Credits, 30 Lectures)				
	Choice to choose from other				
	1				
	disciplines		100	00	+
	XYZ-G-DSC-203B-T		100	80	20
	(06 Credits, 60 Lectures &	·			
	15 Tutorials)		or	or	or
	Choice to choose from other		75	60	15
	disciplines				_
	or		25	20	5
	XYZ-G-DSC-203B-T				· I
	(04 Credits, 60 Lectures)				
	XYZ-G-DSC-203B-P				
	(02 Credits, 30 Lectures)				
	Choice to choose from other				
	disciplines				
	PSY-G-AÉCC-202-T	Environmental	50	40	10
	Environmental Science	Science			
	(02 Credits, 30 Lectures)	Ocicioo			
III	XYZ-G-DSC-301C-T		100	80	20
111			100	00	20
	(06 Credits, 60 Lectures &		0	Δ**	0"
	15 Tutorials)		or 75	or 60	or 15
	or	Developies	13	UU	1.0
	PSY-G-DSC-301C-T	Psychological Disorders	25	20	5
	(04 Credits, 60 Lectures)	Disorders	23	∠ U	3
	PSY-G-DSC-301C-P	Practical			
	(02 Credits, 30 Lectures)	PTacucai			
	XYZ-G-DSC-302C-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)		or	or	or
	Choice to choose from other		75	60	15
	disciplines		1		1
	or		25	20	5
	XYZ-G-DSC-302C-T				
	(04 Credits, 60 Lectures)				
			L		

	Choice to choose from other				
	disciplines			•	1
	PSY-G-SEC-402-T		50	40	10
	(02 Credits, 30 Lectures)				
V	(Annexure-1)	<u> </u>	100	90	
V	XYZ-G-DSE-501A-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)	1. Educational	0.5	O.W.	0.7
	or PSY-G-DSE-501A-T	Psychology	or 75	or 60	or 15
	i i	Practical or	13	00	13
	(04 Credits, 60 Lectures) PSY-G-DSE-501A-P	2. Organizational	25	20	5
	(02 Credits, 30 Lectures)	Psychology	23	. 20	
	(02 Credits, 50 Lectures)	Practical or			
		3. Health			
		Psychology			
		Practical			
				-de-	
	XYZ-G-DSE-502A-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)				
	Choice to choose from other				
	disciplines		or	or	or
	or		75	60	15
	XYZ-G-DSE-502A-T				
	(04 Credits, 60 Lectures)		25	20	5
	XYZ-G-DSE-502A-P				
	(02 Credits, 30 Lectures)				
	Choice to choose from other			,	
	disciplines				
	XYZ-G-DSE-503A-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)				
	Choice to choose from other				
	disciplines				
	or				
	XYZ-G-DSE-503A-T		or	or	or
	(04 Credits, 60 Lectures)		75	60	15
	XYZ-G-DSE-503A-P		25	20	
	(02 Credits, 30 Lectures)		25	20	5
	Choice to choose from other				
	disciplines	<u> </u>			
	PSY-G-SEC-503-T		50	40	10
	(02 Credits, 30 Lectures)				1
	(Annexure-1)				
VÍ	XYZ-G-DSE-601AB-T		100	80	20
	(06 Credits, 60 Lectures &				
	15 Tutorials)				

F			[
	or		or	or	or
	PSY-G-DSE-601B-T	1. Human Resource	75	60	15
	(04 Credits, 60 Lectures) PSY-G-DSE-601B-P	Management	25	20	5
	(02 Credits, 30 Lectures)	Practical or			
		2. Counseling			
		Psychology			
	1	Practical or			ě
	- 1	3. Positive Psychology			
1		Practical			
		Tiacticai .		,	
	XYZ-G-DSE-602B-T	· · · · · · · · · · · · · · · · · · ·	100	80	20
	(06 Credits, 60 Lectures &				
1.	15 Tutorials)				
	Choice to choose from other				
	disciplines				
	or				
	XYZ-G-DSE-602B-T				
	(04 Credits, 60 Lectures)		or 75	or	or
	XYZ-G-DSE-602B-P		75	60	15
	(02 Credits, 30 Lectures)		25	20	5
	Choice to choose from other		23	20	3
1	disciplines				
	XYZ-G-DSE-603B-T		100	80	20
İ	(06 Credits, 60 Lectures &				
	15 Tutorials)				
	Choice to choose from other				
	disciplines				
1	or		or	or	or
	XYZ-G-DSE-603B-T		75	60	15
	(04 Credits, 60 Lectures)		/3	00	13
	XYZ-G-DSE-603B-P		25	20	5
	(02 Credits, 30 Lectures)		25	20	:
	Choice to choose from other				
1	disciplines		50	40	10
	PSY-G-SEC-604-T (02 Credits, 30 Lectures)		JU	40	10
	(Annexure-1) Total Marks		2100	1680	420
1	i otal ivial KS		#XVV	¥ 000	

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-IV

PSY-G-DSC-401D-T	STATISTICAL METHODS II PSYCHOLOGY	V	(04 Credits, 60 Lectures)
*		er i	Ŷ.

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

- 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; Surject publication.
- 4. Chadha, N.K. and Sehgal, P.R.L. (1984). Statistical Methods in Psychology. New York: EEP.
- Mohsin, SM (1992). Fundamental Statistics in Behavioural Sciences. Patna: Motilal Banarsidas.
- 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)
		1

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

- 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). Uchchtar Monovaigyanik Mein Prayog aur Parikshan. Patna: Bharti Bhawan.

SEMESTER-IV

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

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 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-III

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

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

Unit III: Alcoholism and Drug Addiction

Nature, Clinical sign and symptoms; Causes and Rehabilitation

Unit IV: Mental Retardation:

Nature, types, Characteristics and Classifications Cause

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). Apsmanya Manovigyan Azamgarh: Motilal Banarsidas.

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		coc Constitute 60
PSY-H-GE-303-P	PRACTICAL	(06 Credits, 60 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 of60% 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 onequestion.

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

BOOK RECOMMENDED

- Groth- Marnat, Garry (2005). The Handbook of Psychological Assessment (4
 Ed). NewYork: John wiley and Sons.
- 2. Suleiman, Md. (2012) Manovigyan Mein Prayog aur Parikshan. Patna: MotilalBanarisidas.
- 3. Singh, A.K. (2011). Uchchtar Monovaigyanik Mein Prayog aur Parikshan. Patna: BhartiBhawan.

SEMESTER-III

PSY-H-SEC-301-T	LIFE SKILL & PERSONALITY	(02 Credits, 30 Lectures)
101 11 02.5	DEVELOPMENT	

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

1. EDUCATIONAL PSYCHOLOGY PRACTICAL	(04 Credits, 60 Lectures
OF 2 OPCANIZATIONAL	(02 Credits, 30 Lectures)
PSYCHOLOGY	. *
3. HEALTH PSYCHOLOGY PRACTICAL	
Choose any one	
	or 2.ORGANIZATIONAL PSYCHOLOGY PRACTICAL or 3. HEALTH PSYCHOLOGY PRACTICAL

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, 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, learning style and teaching strategies

- 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) Ucchtar 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

- 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).

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

Work motivation; Early theories- Maslow, Mc Cleland and Two factor

Unit 3: Dynamics of Organizational Behavior:

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

Unit 4: Leadership:

Basic approaches: Trait theories, Behavioural theories, Contingency theories Challenges to theleadership role in Indian perspectives

- 1. Arnodt, M.G. (2001). Industrial Organizational Psychology. Indiana: Cengage Learning.
- 2. Greenberg, J. and Baron, R.A. (2007). Behaviour in Organizations (9th 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: Hypergrabhic Press.
- Pareek, U. (2010). Understanding Organizational Behaviour. Oxford: Oxford University Press.
- 6. Prakash, A. (2011). Organizational Behviour 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

- 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;

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; Stress management

Unit 4: Health Management:

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

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 (4th 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 (6th Ed.). New Delhi: Tata McGraw Hill.

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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.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-V

PSY-G-SEC-503-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.

Format of question Papers of End-Semester Theory Examination

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Binod Bihari Mahto Koyalanchal University, Dhanbad End-Semester Examination xxxx (Session: xxxx-xx)

Subject	100 0
CIRCACE	//`^d^.
Junett	/ L/CHIRE:

Full Marks:	30	Pass Marks: 32	Time:3Hours
		eneral Instructions:	
Candidates are required to give their answers in their own word			s as far as practicable.
Ans	wer any <u>five</u> questions	of the following in which Q.1	is compulsory.
		Group A	
	(A) Multiple Choice Questions		(1x8=08)
(i)	*** PET*******		
(ii)	*** *** ***		
(iii)	*** *** *** ***		
(iv)	**********		
(v)	47* 42* 5** 07*20		
(vi)	*** *** *** ****		
(vii)	*** *** ***		
(viii)	**********		
(B) Short answer type questions		(4x2=08)	
(a)	*** *** *** *** ***		
(b)	**********		
		Group B	
	(Long	answer type questions)	
	Answer a	ny <u>four</u> of the following.	(16x4=64)
2.	******		` ,
3.	*** *** *** *** ***		
4.	**********		
5.	204 422 024 05464		
6.	*** *** *** ****		
7.	***************************************		
8.	********		
9.	Short notes type que	stions (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 equa	al value.	•
A	nswer any <u>fi</u> y	<u>ve</u> questions of the following i	in which Q.1 is cor	npulsory.
	•	Group A		*
1. (A) M	lultiple Choic	e Questions		(1x6=06)
(i)	*******			(
(ii)	*********			
(iii)	*********			
(iv)	**********			
(v)	*********			•
(vi)	*** *** *** ***			
(B) S	hort answer	type questions		(3x2=06)
(a)				(
(b)	************			
		Group B		
		(Long answer type ques	tions)	
		Answer any four of the foll		(12x4=48)
2.	********	•	O .	(
3.	*********			
ŀ.	**********			
5.				
j.	********			
'.	*** *** *** ***			
3.	*** *** *** ***			
).		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: 2Hour
Candidates are res	General Instructions:	
candidates are req	uired to give their answers in their own	
Answarany	The Questions are of equal value <u>five</u> questions of the following in whice	
miswei any <u>i</u>	<u>Group A</u>	in Q.1 is computsory.
1. (A) Multiple Ch		(1x4=04)
(i)	ioreo Quederono	(124-04)
(ii)		
(iii)		
(iv)		
` ,	er type questions	(2x2=04)
(a)		(,
(b)		
	Group B	
	(Long answer type questions)	
	Answer any four of the following	
2.	*************	
3.	\$44 hot to a to a	
4.	*** *** 10100**	
5.	*** *********	
6.	bes dix extendes	
7.	*************	
8,	*** *** *** ****	
9,	Short notes type questions (4x2	=8)
(a)	•	
(b)	•	
(c)	•	
(d)	•	
		•