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**MODIFIED CBCS CURRICULUM OF  
PSYCHOLOGY HONOURS PROGRAMME**

**SUBJECT CODE = 12**

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FOR UNDER GRADUATE COURSES UNDER RANCHI UNIVERSITY



Implemented from  
Academic Session 2019-2022

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*Submitted  
at Ranchi*

*for publication  
University website.*

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*21/06/18*

HOD

University Department of Psychology  
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## COURSE STRUCTURE FOR UNDERGRADUATE 'HONOURS' PROGRAMME

**Table AI-1: Distribution of 164 Credits** [\*wherever there is a Practical there will be no tutorial and vice –versa.]

Course	Papers	Credits	
		Theory + Practical	Theory + Tutorial
<b>I. Core Course</b>	<b>(CC 1 to 14)</b>		
Theory	14 Papers	14X4=56	14X5=70
Practical/Tutorial*	14 Papers	14X2=28	14X1=14
<b>II. Elective Course (EC)</b>			
<b>A. Discipline Specific Elective</b>	<b>(DSE 1 to 4)</b>		
Theory	4 Papers	4X4=16	4X5=20
Practical/ Tutorial*	4 Papers	4X2=8	4X1=4
<b>B. Generic Elective/ Interdisciplinary</b>	<b>(GE 1 to 4)</b>		
Theory	4 Papers	4X4=16	4X5=20
Practical/ Tutorial*	4 papers	4X2=8	4X1=4
<b>III. Ability Enhancement Compulsory Courses (AECC)</b>			
1. English/ Hindi Communication	1 Paper	1X2=2	1X2=2
2. Environmental Science	1 Paper	1x2=2	1x2=2
3. Skill Enhancement Course of the Core Course opted	<b>(SEC 1 &amp; 2)</b> 2 Papers	2X2=4	2X2=4
		<b>Total Credit = 140 + 24 =164</b>	<b>140 + 24 = 164</b>

**Note:**

In the Academic Council Meeting of Ranchi University, Ranchi, held on 29.06.2019, it is resolved that Students will be offered **Two Generic Elective Subjects** (GE-A & GE-B) in C.B.C.S. U.G. Honours Courses of all streams, so that their 'Eligibility for Admission' in P.G., Vocational & Technical Courses in various Institutions is not hampered.

**Table AI-1.1: Course structure for B.Sc./ B.A./ B.Com./B.Voc. (Hons. Programme)**

Semester	Honours (Core Courses) 14 Papers	Allied (Elective Courses) 8 Papers	Ability Enhancement (Compulsory Courses) 4 Papers	Total Credits
Sem-I	C-1, C-2 (6+6=12 Credits)	GE-1A, GE-1B (6+6=12 Credits)	English Comm./ Hindi Comm. (02 Credits)	<b>26 Credits</b>
Sem-II	C-3, C-4 (6+6=12 Credits)	GE-2A, GE-2B (06 Credits)	EVS (02 Credits)	<b>26 Credits</b>
Sem-III	C-5, C-6, C-7 (6+6+6=18 Credits)	GE-3A, GE-3B (06 Credits)	SEC-1 (02 Credits)	<b>32 Credits</b>
Sem-IV	C-8, C-9, C-10 (6+6+6=18 Credits)	GE-4A, GE-4B (06 Credits)	SEC-2 (02 Credits)	<b>32 Credits</b>
Sem-V	C-11, C-12 (6+6=12 Credits)	DSE-1, DSE-2 (6+6=12 Credits)		<b>24 Credits</b>
Sem-VI	C-13, C-14 (6+6=12 Credits)	DSE-3, DSE-4 (6+6=12 Credits)		<b>24Credits</b>

**Total = 164 Credits**

## COURSES OF STUDY FOR UNDERGRADUATE 'B. A. Hons' PROGRAMME

**Table AI-2 Subject Combinations allowed for B. A. Hons. Programme (164 Credits)**

Honours/Core Subject CC 14 Papers	Discipline Specific Elective Subject DSES 4 Papers	Skill Enhancement Course SEC 2 Papers	Compulsory Course AECC 1+1=2 Papers
Psychology	Psychology Specific	SEC in Psychology	Language Communication + EVS

**Table AI-2.1 Semester wise Examination Structure for Mid Sem & End Sem Examinations:**

Sem	Core Honours, Allied DSE, Compulsory AECC Courses		Examination Structure		
	Code	Papers	Mid Semester Theory (F.M.)	End Semester Theory (F.M.)	End Semester Practical/ Viva (F.M.)
I	C1	Introduction to Psychology +Lab	15	60	50
	C2	Statistical Methods for Psychological Research-I +Lab	15	60	
	GE1A	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	GE1B	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	AECC	Language Communication	---	100	---
II	C3	Biopsychology +Lab	15	60	50
	C4	Psychology of Individual Differences +Lab	15	60	
	GE2A	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	GE2B	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	AECC	EVS	---	100	---
III	C5	Development of Psychological Thoughts +Lab	15	60	75
	C6	Psychological Research +Lab	15	60	
	C7	Social Psychology +Lab	15	60	
	GE3A	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	GE3B	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	SEC 1	Elementary Computer Application Software +Lab	---	100	---
IV	C8	Understanding Psychological Disorders +Lab	15	60	75
	C9	Statistical Methods for Psychological Research +Lab	15	60	
	C10	Applied Social Psychology +Lab	15	60	
	GE4A	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	GE4B	Refer Table AI-2.3 of the Syllabus of Subject opted	---	100/ (75)	0/ (25)
	SEC 2	Emotional Intelligence & Effective Decision Making +Lab	---	100	---
V	C11	Understanding and Dealing with Psychological Disorders +Lab	15	60	50
	C12	Developmental Psychology +Lab	15	60	
	DSE 1	Positive psychology +Lab	15	60	50
	DSE 2	Health psychology +Lab	15	60	
VI	C13	Organizational Behaviour +Lab	15	60	50
	C14	Counselling Psychology +Lab	15	60	
	DSE 3	Community Psychology +Lab	15	60	50
	DSE 4	Stress Management +Lab	15	60	

**Table AI-2.2: Subject Combinations allowed for B. A. Generic Subjects:**

S.No.	Note: Any Two Subjects may be opted as GE Subject but only One from S.No.1 and 10 will be allowed, if desired.		
<b>1</b>	Anthropology / Geography / Psychology / Home Science /	<b>10</b>	Bengali / Urdu / Sanskrit / Ho / Kharia / Khortha / Kurmali / Kurux / Mundari / Nagpuri / Panch Pargania / Santhali
<b>2</b>	History		
<b>3</b>	Political Science		
<b>4</b>	Sociology		
<b>5</b>	Economics		
<b>6</b>	Philosophy		
<b>7</b>	Mathematics		
<b>8</b>	Hindi		
<b>9</b>	English		

**Table AI-2.3 Semester wise Structure for End Sem Examinations of Generic Elective in Psychology:**

Sem	Along with Core Honours, Allied DSE, Compulsory AECC Courses		Examination Structure		
	Code	Papers	Mid Semester Theory (F.M.)	End Semester Theory (F.M.)	End Semester Practical/ Viva (F.M.)
<b>I</b>	GE1	Introduction of psychology +Lab	---	75	25
<b>II</b>	GE2	Social psychology +Lab	---	75	25
<b>III</b>	GE3	Psychopathology +Lab	---	75	25
<b>IV</b>	GE4	Psychological Statistics +Lab	---	75	25

**Table AI-2.4 Generic Subject Papers for B. A. Hons. Programme (164 Credits);**  
**All Four Papers of Any Two Allowed Subjects to be opted leaving aside the papers of Hons. Subject:**

Generic Elective Subject <b>GE 4 Papers</b>	Generic Elective Courses for Arts Stream (GE will be other than Core Subject opted)			
	Semester I <b>GE1</b>	Semester II <b>GE2</b>	Semester III <b>GE3</b>	Semester IV <b>GE4</b>
Hindi	कला और साहित्य +T	अनुवाद +T	साहित्य और पत्रकारिता +T	रचनात्मक लेखन की विधाएँ +T
English	Academic Writing +T	Language & Linguistics +T	Literature: Poems & Short Stories +T	Language, Literature & Culture +T
Bengali	History of Bengali Literature +T	Bengali Poetry, Novel, Short Stories +T	Bengali Poetry, Drama, Short Stories +T	Bengali Poetry, Short Stories, Bengali Essay +T
Urdu	Study of Poet Nazir Akbarabadi +T	Study of Short Story Writer Prem Chand +T	Mass Media: Principles and Practice +T	Study of Short Story Writer +T
Sanskrit	संस्कृत व्याकरण एवं व्याकरण शास्त्र का इतिहास +T	भारतीय संस्कृति एवं राजनीति +T	आयुर्वेद की परम्परा +T	भाषाविज्ञान +T
Ho	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	हो समुदाय की नृत्य शैलियाँ +T
Kharia	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	खड़िया समुदाय की नृत्य शैलियाँ +T
Khortha	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	खोरठा समुदाय की नृत्य शैलियाँ +T
Kurmali	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	कुरमाली समुदाय की नृत्य शैलियाँ +T
Kurux	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	कुँडुख समुदाय की नृत्य शैलियाँ +T
Mundari	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	मुण्डा समुदाय की नृत्य शैलियाँ +T
Nagpuri	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	नागपुरी समुदाय की नृत्य शैलियाँ +T
Panch Pargania	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	पंचपरगनिया समुदाय की नृत्य शैलियाँ +T
Santhali	कला, साहित्य एवं संस्कृति +T	पारम्परिक वाद्य यंत्र +T	झारखण्डी समुदाय का सांस्कृतिक केन्द्र +T	संताल समुदाय की नृत्य शैलियाँ +T
Geography	Geomorphology +Lab	Human Geography +Lab	Climatology +Lab	Economic Geography +Lab
History	Environmental Issues in India +T	Making of Contemporary India +T	History of West Asia +T	India and her Neighbours +T
Political Science	An Introduction to Political Theory +T	Indian Govt. and Politics +T	Comparative Govt. and Politics +T	Public Administration +T
Sociology	Indian Society and Culture +T	Social Movement in India +T	Sociology of Religion +T	Indian Sociological Theories +T
Economics	Principals of Microeconomics +T	Principals of Macroeconomics +T	Indian Economy +T	Money Banking & Public Finance +T
Anthropology	Economic Anthropology +T	Political Anthropology +T	Anthropology of Religion +T	Linguistic Anthropology +T
Philosophy	Indian Philosophy-I +T	Indian Philosophy-II +T	Indian Ethics +T	Western Ethics +T
Home Science	Human Nutrition +Lab	Entrepreneurship for small Catering units +Lab	Current concerns in Public Health Nutrition +Lab	Care and Wellbeing in Human Development +Lab
Mathematics	Differential Calculus & Coordinate Geometry 2D +T	Integral Calculus, Vector Calculus & Trigonometry +T	Real Analysis-I, Group Theory & Differential Equations +T	Real Anaysis-II, Complex Variable, Set Theory & Matrices +T

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**SEMESTER I**

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**5 Papers****Total 100 x 5 = 500 Marks****I. ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)**

(Credits: Theory-02)

Any One Compulsory Language Communication Prescribed by Ranchi University:

English Communication/ Hindi Communication / NH + MB Communication

**(Refer AECC Curriculum of Ranchi University)**

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**II. GENERIC ELECTIVE (GE 1A):**

(Credits: 06)

All Four Papers (Refer Table AI 2.2) of any One Subject to be opted other than the Honours Subject. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

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**III. GENERIC ELECTIVE (GE 1B):**

(Credits: 06)

All Four Papers (Refer Table AI 2.2) of any One Subject to be opted other than the GE1 & Honours Subject. Refer Table AI 2.4 and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

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**IV. CORE COURSE –C 1:**

(Credits: Theory-04, Practicals-02)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for******Mid Semester Examination (MSE):***

There will be **two** group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

***End Semester Examination (ESE):***

There will be **two** group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**INTRODUCTION TO PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction**

- Definitions and subject matter of Psychology.
- Methods of Psychology:
  - ✓ Observation
  - ✓ Experimental
- Branches of Psychology.

**Unit-II: Perception**

- Nature & process of perception.
- Illusion and Hallucination- types & causes.
- Determinants of perception.
- Perceptual organization.

**Unit-III: Learning**

- Meaning and nature of learning. Learning curve& methods of learning.
- Theories of learning.
  - ✓ Thorndike's Connectionism.
  - ✓ Pavlov's conditioning.
  - ✓ Kohler & Koffka's Insight theory.

**Unit-IV: Memory & Forgetting**

- Meaning and Nature of memory: Concept of Ebbinghaus and Bartlett.
- Atkinson and Shiffrin Model of memory.
- Types of memory: Sensory Memory, Short Term Memory (STM) & Long Term Memory (LTM).
- Factors improving memory.
- Forgetting: Nature and causes.

**Suggested Readings:**

- Baron, R. & Misra, G. (2013). *Psychology*. New Delhi: Pearson.
- Chadha, N.K. & Seth, S. (2014). *The Psychological Realm: An Introduction*. New Delhi: Pinnacle Learning.
- Ciccarelli, S. K., & Meyer, G. E. (2010). *Psychology: South Asian Edition*. New Delhi: Pearson Education.
- Mohsin, S.M. (1982). *Experiments in Psychology. Motilal Banarsidas*.
- Passer, MW & Smith, R.E. (2010) *Psychology: The science of mind and behaviour*. N. Delhi Tata McGraw-Hill.
- Suleman, M. (1996). *Manovagyanik Prayog aur Parikshan*.
- Sulemaan, M. (2011) *Samaanya Manovigyan: Mool Prakriyen Ewam Sangyanatmak Prakriyen*. (Hindi) Motilal Banarsi Das New Delhi .
- Singh, A.K. (2015). *Advanced General Psychology (Hindi)* Motilal Banarsi Das New Delhi.

**V. CORE COURSE- C 2:**

(Credits: Theory-04, Practicals-02)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**STATISTICAL METHODS FOR PSYCHOLOGICAL RESEARCH-I****Theory: 60 Lectures****Unit-I: Introduction**

- Meaning & nature of psychological research.
- Relevance of statistics in psychological research.
- Levels of measurement.

**Unit-II: Graphical representation of frequency distributions**

- Histogram.
- Frequency Polygon.

**Unit-III: Measures of central tendency**

- Uses and limitations of Mean, Median and Mode.
- Calculation of Mean, Median and Mode.

**Unit-IV: Measurement of variability**

- Properties and calculation of Range, Quartile Deviation (Q.D), Average Deviation (A.D.) and Standard Deviation (S.D.).

**Suggested Readings:**

- Chadha, N.K. (1991). Statistics for Behavioral and Social Sciences. Reliance Pub. House: New Delhi
- Coolican, H. (2006). Introduction to Research Methodology in Psychology. London: Hodder Arnold.
- Gravetter, F.J. & Wallnau, L.B. (2009). Statistics for the Behavioral Sciences (9th Ed.). USA: Cengage Learning.
- King, B.M. & Minium, E.W, (2007). Statistical Reasoning in the Behavioral Sciences (5th Ed.). USA: John Wiley & Sons.
- Mangal, S.K. (2012). Statistics in Psychology and Education (2nd Ed.). New Delhi: PHI learning Pvt. Ltd.
- Suleman, M. Manovigyan Shiksha evam anya samajik vigyano mein sankhiki. Motila Vanarasidas.
- Singh, A. K. Uchhatar Manovaiganic Prayog evam Parikshan. Bharti Bhawan.

**PSYCHOLOGY PRACTICAL- C1 + C2 LAB****Marks : Pr (ESE: 3Hrs) =50****Pass Marks: Pr (ESE) = 20*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment = 30 marks*

*Practical record notebook = 10 marks*

*Viva-voce = 10 marks*

**GROUP-A****60 Lectures****Unit-I: Verbal Learning**

Memorizing non-sense syllables by the method of:

- Simple reproduction

**Unit-II: Sensory-Motor Learning**

- Effect of practice (card sorting & mirror drawing apparatus)

**Unit-III: Recall & Recognition****Unit-IV: Distraction of Attention****GROUP-B****60 Lectures**

- Application of computer (Excel) in statistics (Mean, Median, Standard Deviation, Average Deviation and Quartile Deviation).
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**SEMESTER II**


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**5 Papers****Total 100 x 5 = 500 Marks****I. ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)**

(Credits: Theory-02)

**Marks : 100 (ESE: 3Hrs) =100****Pass Marks Th ESE = 40***Instruction to Question Setter for**End Semester Examination (ESE):**There will be **objective type test** consisting of hundred questions of 1 mark each. Examinees are required to mark their answer on **OMR Sheet** provided by the University.***AECC – ENVIRONMENT STUDIES****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 :

- Forest ecosystem

- Grassland ecosystem

- Desert ecosystem

- Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

**(2 lectures)****Unit 3 : Natural Resources : Renewable and Non--renewable Resources**

Land resources and landuse change; Land degradation, soil erosion and desertification.

Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.

Water : Use and over--exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter--state).

Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

**(5 lectures)****Unit 4 : Biodiversity and Conservation**

Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots

India as a mega--biodiversity nation; Endangered and endemic species of India

Threats to biodiversity : Habitat loss, poaching of wildlife, man--wildlife conflicts, biological invasions; Conservation of biodiversity : In--situ and Ex--situ conservation of biodiversity.

Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

**(5 lectures)**

#### **Unit 5 : Environmental Pollution**

Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution

Nuclear hazards and human health risks

Solid waste management : Control measures of urban and industrial waste.

Pollution case studies.

**(5 lectures)**

#### **Unit 6 : Environmental Policies & Practices**

Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

**(4 lectures)**

#### **Unit 7 : Human Communities and the Environment**

Human population growth: Impacts on environment, human health and welfare.

Resettlement and rehabilitation of project affected persons; case studies.

Disaster management : floods, earthquake, cyclones and landslides.

Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.

Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

**(3 lectures)**

#### **Unit 8 : Field work**

Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

Visit to a local polluted site--Urban/Rural/Industrial/Agricultural.

Study of common plants, insects, birds and basic principles of identification.

Study of simple ecosystems--pond, river, Delhi Ridge, etc.

**(Equal to 4 lectures)**

**Suggested Readings:**

- Raziuddin, M., Mishra P.K. 2014, *A Handbook of Environmental Studies*, Akanaksha Publications, Ranchi.
- Mukherjee, B. 2011: *Fundamentals of Environmental Biology*. Silverline Publications, Allahabad.
- Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
- Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press.
- Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
- Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
- Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
- Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. *Science*, 339: 36---37.
- McCully, P. 1996. *Rivers no more: the environmental effects of dams*(pp. 29---64). Zed Books.
- McNeill, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.
- Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.
- Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. *Environmental and Pollution Science*. Academic Press.
- Rao, M.N. & Datta, A.K. 1987. *Waste Water Treatment*. Oxford and IBH Publishing Co. Pvt. Ltd.
- Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. *Environment*. 8th edition. John Wiley & Sons.
- Rosencranz, A., Divan, S., & Noble, M. L. 2001. *Environmental law and policy in India*. Tripathi 1992.
- Sengupta, R. 2003. *Ecology and economics: An approach to sustainable development*. OUP.
- Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
- Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. *Conservation Biology: Voices from the Tropics*. John Wiley & Sons.
- Thapar, V. 1998. *Land of the Tiger: A Natural History of the Indian Subcontinent*.
- Warren, C. E. 1971. *Biology and Water Pollution Control*. WB Saunders.
- Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
- World Commission on Environment and Development. 1987. *Our Common Future*. Oxford University

**II. GENERIC ELECTIVE (GE 2A): (Credits: 06)**

GE2A paper of First subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

**III. GENERIC ELECTIVE (GE 2B): (Credits: 06)**

GE2B paper of Second subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

**IV. CORE COURSE -C 3:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for  
Mid Semester Examination (MSE):***

*There will be two group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.*

***Note:** There may be subdivisions in each question asked in Theory Examinations.*

**BIOPSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction to Bio-Psychology**

- Nature and subject matter of Bio-Psychology.
- Methods of Bio-Psychology.

**Unit-II: Neurons**

- Structure and functions of Neurons.
- Neural conduction and synaptic transmission.

**Unit-III: Nervous Systems**

Structure and functions of:

- Central Nervous System (CNS)
- Peripheral Nervous System (PNS)
- Autonomic Nervous system (ANS)

**Unit-IV: Neuro-Endocrine System**

- Structure, functions and abnormalities of major endocrine glands

**Suggested Readings:**

- Carlson, N. R. (2009) Foundations of Physiological Psychology, 6th Edition. Pearson Education, New Delhi.
- Pinel, J.P.J. (2011). Biopsychology, 8th Edition. Pearson Education, New Delhi.
- Singh, A.K. (2015) Samany Maovigyan ki Ruprekha, Motilal Banarsidas publication
- Singh, A.K. (2015) Uchhtar Samany Maovigyan, Motilal Banarsidas publication.
- Breedlove, S. M., Rosenzweig, M. R., & Watson, N. V. (2007) Biological Psychology: An introduction to behavioral, cognitive, and clinical neuroscience, 5th Edition. Sinauer Associates, Inc., Sunderland, Massachusetts.

**V. CORE COURSE -C 4:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

There will be **two** group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

***End Semester Examination (ESE):***

There will be **two** group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**PSYCHOLOGY OF INDIVIDUAL DIFFERENCES****Theory: 60 Lectures****Unit-I: Personality**

- Meaning & nature of personality
- Biological foundation of personality
- Socio logical & Cultural factors of personality
- Psychodynamic and humanistic approaches.

**Unit-II: Intelligence**

- Concept of intelligence
- Effect of heredity and environment on intelligence
- Emotional intelligence

**Unit-III: Self Identity**

- Indian approach to self-identity.

**Unit-IV: Thinking and Individual**

- Meaning & nature of thinking
- Central & central-peripheral theory of thinking
- Creative thinking

**Suggested Readings:**

- Carr, A. (2011): Positive psychology. Routledge.
- Chadha, N.K. & Seth, S. (2014). The Psychological Realm: An Introduction. Pinnacle Learning, New Delhi.
- Ciccarelli, S. K., & Meyer, G. E. (2010). Psychology: South Asian Edition. New Delhi: Pearson Education.
- Matthijs Cornelissen, Girishwar Misra and Suneet Varma (eds.) (2011), Foundations of Indian Psychology (Vol. 1), Theories and concepts .Pearson.
- Mentis, M., Dunn-Bernstein, M., Mentis, M., &Skuy, M. (2009).Bridging learning: Unlocking cognitive potential in and out of the classroom. Corwin.
- Passer, M.W. & Smith, R.E. (2010). Psychology: The science of mind and behaviour. New Delhi: Tata McGraw-Hill.

**PSYCHOLOGY PRACTICAL- C3 + C4 LAB****Marks : Pr (ESE: 3Hrs) =50****Pass Marks: Pr (ESE) = 20*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment* = 30 marks

*Practical record notebook* = 10 marks

*Viva-voce* = 10 marks

**GROUP-A****60 Lectures**

- Models of Brain, Neurons, Spinal cord etc.
- Transfer of training (Positive)
- Colour preference
- Aesthesiometric index (Method of limits)

**GROUP-B****60 Lectures****I. Intelligence Test**

- General Intelligence Test (GIT)

**II. Personality Tests**

- MPI

**III. Measurement of self esteem****IV. Measurement of anxiety**

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**SEMESTER III**


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**6 Papers****Total 100 x 6 = 600 Marks****I. SKILL ENHANCEMENT COURSE SEC 1:**

(Credits: Theory-02)

**Marks : 100 (ESE: 3Hrs) =100****Pass Marks Th ESE = 40***Instruction to Question Setter for**End Semester Examination (ESE):**There will be **objective type test** consisting of hundred questions of 1 mark each. Students are required to mark their answer on **OMR Sheet** provided by the University.***ELEMENTARY COMPUTER APPLICATION SOFTWARES:**

A Common Syllabus Prescribed by Ranchi University

**Theory: 30 Lectures****Objective of the Course***The objective of the course is to generate qualified manpower in the area of Information Technology (IT) and Graphic designing which will enable such person to work seamlessly at any Offices, whether Govt. or Private or for future entrepreneurs in the field of IT.***A. INTRODUCTION TO COMPUTER SYSTEM****Basic Computer Concept**Computer Appreciation - Characteristics of Computers, Input, Output, Storage units, CPU, Computer System. **(1 Lecture)****Input and Output Devices**

Input Devices - Keyboard, Mouse, joystick, Scanner, web cam,

Output Devices- Soft copy devices, monitors, projectors, speakers, Hard copy devices, Printers – Dot matrix, inkjet, laser, Plotters. **(4 lectures)****Computer Memory and Processors**Memory hierarchy, Processor registers, Cache memory, Primary memory- RAM, ROM, Secondary storage devices, Magnetic tapes, Floppy disks, hard disks, Optical Drives- CD-ROM, DVD-ROM, CD-R, CD-RW, USB Flash drive, Mass storage devices: USB thumb drive. Managing disk Partitions, File System. Basic Processor Architecture, Processor speed, Types of processor. **(5 lectures)****Numbers Systems and Logic Gates**Decimal number system, Binary number system, Octal number system, Hexadecimal number system, Inter-conversion between the number systems. Basic Logic gates-AND, OR, NOT, Universal logic gates- NAND, NOR **(3 lectures)****Computer Software**Computer Software- Relationship between Hardware and Software, System Software, Application Software, Compiler, Names of some high level languages, Free domain software. **(2 Lectures)**

**Internet & its uses**

History of Internet, WWW and Web Browsers: Web Browsing software, Surfing the Internet, Chatting on Internet, Basic of electronic mail, Using Emails, Document handling, Network definition, Common terminologies: LAN, WAN, MAN, Node, Host, Workstation, Bandwidth, Network Components: Servers, Clients, Communication Media. Wireless network

**(3 Lectures)****Operating system-Windows**

Operating system and basics of Windows, The User Interface, Using Mouse and Moving Icons on the screen, The My Computer Icon, The Recycle Bin, Status Bar, Start and Menu & Menu-selection, Running an Application, Windows Explorer Viewing of File, Folders and Directories, Creating and Renaming of files and folders, Opening and closing of different Windows, Windows Setting, Control Panels, Wall paper and Screen Savers, Setting the date and Sound, Concept of menu Using Help, Advanced Windows, Using right Button of the Mouse, Creating Short cuts, Basics of Window Setup, Notepad, Window Accessories

**(2 Lectures)****B. MICROSOFT OFFICE 2007 AND LATEST VERSIONS****Word Processing**

Word processing concepts: saving, closing, Opening an existing document, Selecting text, Editing text, Finding and replacing text, printing documents, Creating and Printing Merged Documents, Character and Paragraph Formatting, Page Design and Layout. Editing and Checking. Correcting spellings. Handling Graphics, Creating Tables and Charts, Document Templates and Wizards, Mail merge and Macros.

**(3 Lectures)****Microsoft Excel (Spreadsheet)**

Spreadsheet Concepts, Creating, Saving and Editing a Workbook, Inserting, Deleting Work Sheets, entering data in a cell / formula Copying and Moving from selected cells, handling operators in Formulae, Functions: Mathematical, Logical, statistical, text, financial, Date and Time functions, Using Function Wizard. Formatting a Worksheet: Formatting Cells changing data alignment, changing date, number, character or currency format, changing font, adding borders and colors, Printing worksheets, Charts and Graphs – Creating, Previewing, Modifying Charts. Integrating word processor, spread sheets, web pages. Pivot table, goal seek, Data filter and scenario manager

**(4 Lectures)****Microsoft Power Point (Presentation Package)**

Creating, Opening and Saving Presentations, Creating the Look of Your Presentation, Working in Different Views, Working with Slides, Adding and Formatting Text, Formatting Paragraphs, Drawing and Working with Objects, Adding Clip Art and other pictures, Designing Slide Shows, Running and Controlling a Slide Show, Printing Presentations. Creating photo album, Rehearse timing and record narration. Master slides.

**(3 Lectures)****Reference Books**

- Nishit Mathur, Fundamentals of Computer , Aph publishing corporation(2010)
- Misty E. Vermaat, Microsoft word 2013 1<sup>st</sup> Edition (2013).
- Satish Jain, M.Geeta, MS- Office 2010 Training Guide, BPB publication (2010)
- Joan Preppernau, Microsoft PowerPoint 2016 step by step, Microsoft press(2015)
- Douglas E Corner, The Internet Book 4<sup>th</sup> Edition, prentice –Hall(2009)
- Faithe wempen, word 2016 in depth 1<sup>st</sup> edition, que publishing(2015)
- Steven welkler, Office 2016 for beginners, Create Space Independent publishing Plateform (2016)

## SKILL ENHANCEMENT LAB- SEC 1 LAB

### A. MS-WORD LAB ASSIGNMENT

1. Write down the following Paragraph OR any one provided by your teacher;

Without a doubt, the Internet is one of the most important inventions of modern times. The Internet is a global interconnected computer networks which allow each connected computer to share and exchange information with each other. The origins of the Internet can be traced to the creation of Advanced Research Projects Agency Network (ARPANET) as a network of computers under the auspices of the U.S. Department of Defense in 1969.

Apply following effects on The paragraph:

- i. Paragraph **font-size** and **font-type** must be 12 Verdana.
- ii. Paragraph **alignment** must be justified and double line spacing.
- iii. **Highlight** the “(ARPANET)” with green color.
- iv. Make the “Internet” keywords **Bold and Italic**.
- v. Insert any “**WordArt**” and a **symbol** to your document.
- vi. Insert a **clipart** to your document.
- vii. Add following lines to your document:  
Internet, Intranet, Extranet, URL, WWW, Networking, Protocols, HTTP, TCP/IP

2. Create a Table of following fields:

Name, Surname, Age, Gender, Job and apply the following effects

- i. Insert 10 records
- ii. Font size should be 12
- iii. Title size should be 14
- iv. Font type should be Times new Roman
- v. Title color should be blue
- vi. Text color should be black
- vii. Table border should be 2

3. Write a letter on ‘Road Safety’ and send to ‘Multiple Recipients’ using mail merge.

4. Type the paragraph given below:

Today, the Internet is a public, cooperative and self-sustaining facility accessible to hundreds of millions of people worldwide. Physically, the Internet uses a portion of the total resources of the currently existing public telecommunication networks. Technically, what distinguishes the Internet is its use of a set of protocols called TCP/IP (for Transmission Control Protocol/Internet Protocol). Two recent adaptations of Internet technology, the intranet and the extranet, also make use of the TCP/IP protocol. Today, the Internet is a public, cooperative and self-sustaining facility accessible to hundreds of millions of people worldwide. Physically, the Internet uses a portion of the total resources of the currently existing public telecommunication networks. Technically, what distinguishes the Internet is its use of a set of protocols called TCP/IP (for Transmission Control Protocol/ Internet Protocol). Two recent adaptations of Internet technology, the intranet and the extranet, also make use of the TCP/IP protocol.

Apply the following:

- i. Change Internet into Internets at a time
- ii. Highlight TCP/IP in red color
- iii. Replace protocol into protocols
- iv. Find the word "Public"

## **B. MICROSOFT EXCEL LAB ASSIGNMENT**

### **Basic Formatting and Spreadsheet Manipulation**

1. Add rows and columns to an existing spreadsheet
2. Reformat data (center, comma and currency styles, bold, text color)
3. Work with a simple formula (product) and function (sum)

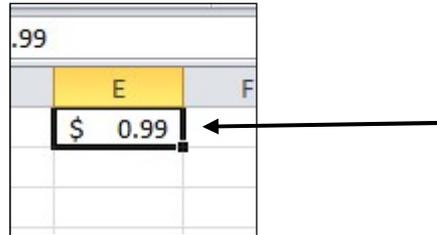
### **Assignment**

1. Create a workbook as shown below.
2. To enter new rows or columns, simply click on the row or column header to select the whole row or column. Then right click with the mouse and choose insert.
3. Add the new row for S Spade with the data that's shown below (between the original rows 7 and 8).
4. Add a column for gender and the data as shown below (between the original columns A and B). Enter the appropriate gender for yourself in the last row.

A	B	C	D
Name	Male/Female	Genre	Number of Songs
J Smith	F	Blues	50
B Doe	M	Country	110
S Spade	F	Country	200
F Zappa	M	Blues	1400
F Zappa	M	Alternative	2300
J Smith	F	Alternative	150
S Spade	F	Blues	1000
B Doe	M	Blues	75
yourname	M	Blues	800

5. Center the data in columns B and C. Do this by selecting the whole column and click the center icon on the ribbon.
6. Bold the data in row 1, the column headings (ensure that the data all remains visible within the column boundaries).
7. Change the font color for row 1 to Blue.
8. Change the format of the data in column D to comma style (no decimal places showing). There is an icon on the home tab that sets it to comma style easily.
9. Add two new column labels to the right of the current columns; **Unit Price** and **Total Cost**. (They will be in columns E and F.) These two columns of data should be currency type so that the dollar sign is shown. There is an icon to quickly format the selected column as currency type.
10. All tunes are \$.99, so enter that value for all rows in Column E. You can copy quickly by using the **Auto Fill** handle and drag that amount down. When you over your mouse over the tiny square in

the bottom right hand corner of the active cell, your mouse shape will become a skinny plus sign, and you can click and drag that cell to make a copy.



11. Calculate Total Cost (column F) as *column D times Column E*. You will type in a formula like this into cell F2: **=D2\*E2** (Be sure to begin the formula with an equal sign)
12. Use the AutoFill (skinny plus sign) again to copy the formula down column F; down to F10. Double check the picture below to make sure yours has the correct values
13. Add a border to all of the cells (A1-f10) using the Borders tool in the Fonts group on the Home Tab.
14. Change the page layout to landscape. Do this by clicking the Page Layout tab on the ribbon and then to Orientation to Landscape.
15. Save the file.
16. Click in cell F11 and Use the sum function or the shortcut icon that looks like  $\Sigma$  to get the total of the Total Cost column.
17. Ensure that the data is all visible within the column boundaries. Make the columns wider if needed.
18. Save the workbook. Your final spreadsheet should look like the following when printed.

Name	Male/Female	Genre	Number of Songs	Unit Price	Total Cost
J Smith	F	Blues	50	\$ 0.99	\$ 49.50
B Doe	M	Country	110	\$ 0.99	\$ 108.90
S Spade	F	Country	200	\$ 0.99	\$ 198.00
F Zappa	M	Blues	1,400	\$ 0.99	\$ 1,386.00
F Zappa	M	Alternative	2,300	\$ 0.99	\$ 2,277.00
S Spade	F	Blues	1,000	\$ 0.99	\$ 990.00
J Smith	F	Alternative	150	\$ 0.99	\$ 148.50
B Doe	M	Blues	75	\$ 0.99	\$ 74.25
yourname	M	Blues	800	\$ 0.99	\$ 792.00

\$ 6,024.15

**Create a sample table given below in Excel**

- Using formula find Total
- Find the maximum value using MAX function from the **Units** column
- Find minimum value from **Total** column

Order Date	Region	Rep	Item	Units	Unit Cost	Total
1/6/2016	East	Jones	Pencil	95	1.99	189.05
1/23/2016	Central	Kivell	Binder	50	19.99	999.50
2/9/2016	Central	Jardine	Pencil	36	4.99	179.64
2/26/2016	Central	Gill	Pen	27	19.99	539.73
3/15/2016	West	Sorvino	Pencil	56	2.99	167.44
4/1/2016	East	Jones	Binder	60	4.99	299.40
4/18/2016	Central	Andrews	Pencil	75	1.99	149.25
5/5/2016	Central	Jardine	Pencil	90	4.99	449.10
5/22/2016	West	Thompson	Pencil	32	1.99	63.68
6/8/2016	East	Jones	Binder	60	8.99	539.40
6/25/2016	Central	Morgan	Pencil	90	4.99	449.10
7/12/2016	East	Howard	Binder	29	1.99	57.71
7/29/2016	East	Parent	Binder	81	19.99	1,619.19
8/15/2016	East	Jones	Pencil	35	4.99	174.65
9/1/2016	Central	Smith	Desk	2	125.00	250.00
9/18/2016	East	Jones	Pen Set	16	15.99	255.84
10/5/2016	Central	Morgan	Binder	28	8.99	251.72
10/22/2016	East	Jones	Pen	64	8.99	575.36
11/8/2016	East	Parent	Pen	15	19.99	299.85
11/25/2016	Central	Kivell	Pen Set	96	4.99	479.04
12/12/2016	Central	Smith	Pencil	67	1.29	86.43
12/29/2016	East	Parent	Pen Set	74	15.99	1,183.26

### **C. MS-POWERPOINT LAB ASSIGNMENT**

#### **Activity 1 : Using Text & Background/Themes**

- i. Create one new slide and insert any text.
- ii. To make your slide more attractive, use the themes or background.
- iii. Make sure it apply for every slide not only one slide.

#### **Activity 2 : Apply Custom Animation On Text**

- i. Use the custom animation to add effects on your text. Set the text move after you click the mouse.
- ii. If you have more than one text, add effects for each of text.

#### **Activity 3 : Insert Image & WordArt**

- i. Insert one new blank slide.
- ii. Choose one pictures or clip art from any source and insert in your new slide.
- iii. Using the WordArt, make a note or title on your picture.
- iv. Use the custom animation again to add effects on your picture and WordArt.

#### **Activity 4 : Insert Text Box**

- i. Insert one new blank slide.
- ii. Use the text box to insert one paragraph of text and adjust your text.

#### **Activity 5 : Insert Smart Art**

- i. Insert one new blank slide.
- ii. Insert the Smart Art and put your text on the Smart Art.

**Activity 6 : Insert Audio**

- i. Back to your first slide and insert one audio on that slide. The audio must play automatically when you show your slide.
- ii. Make sure the speaker also not appear when you show your slide. (the icon).
- iii. The audio must play when you show alls your slide, not only one slide.

**Activity 7 : inserting Video**

- i. Insert one new slide and insert one short video

**Activity 8 : Save File**

- i. Save your file

**Activity 9 : Create Photo Album & Hyperlink**

- i. Insert one new slide and put a text ex: "My Photo Album"
- ii. Create one photo album and adjust your text and your photos
- iii. Save your photo album with a new file
- iv. Make a hyperlink to your photo using the text "My Photo Album"

**Reference Books:**

- Faithe wempen, word 2016 in depth 1<sup>st</sup> edition, que publishing(2015)
- steven welkler, Office 2016 for bignners, Create Space Independent publishing plateform(2016)
- Elaine Marmel, office 2016 simplified, 1<sup>st</sup> Edition, John wiley and sons Inc(2016)
- Patrice-Anne Rutledge, Easy office 2016 1st edition, Que publishing(2016)

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**II. GENERIC ELECTIVE (GE 3A): (Credits: 06)**

GE3A paper of First subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

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**III. GENERIC ELECTIVE (GE 3B): (Credits: 06)**

GE3B paper of Second subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

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**IV. CORE COURSE -C 5:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**DEVELOPMENT OF PSYCHOLOGICAL THOUGHTS****Theory: 60 Lectures****Unit-I: Understanding Psyche**

- Classical schools
  - ✓ Structuralism
  - ✓ Functionalism.

**Unit-II: Positive Orientation**

- Behaviourism
- Neo Behaviourism
- Gestalt School

**Unit-III: Psychoanalytic and Humanistic Existential Orientation**

- Freud
- Adler
- Jung

**Unit-IV: Contemporary Development**

- Feminism.
- Development of psychology in India (special reference to Jharkhand).

**Suggested Readings:**

- Frith, Hannah. (2001). Young Women, Feminism and the Future: Dialogues and Discoveries. *Feminism and Psychology*, Vol.11(2):147-151.
- Gergen, K.J. (1985). The Social Constructionist Movement in Modern Psychology. *American Psychologist*,40, 266-275.
- Kakar, Sudhir. (2006). Culture and Psychoanalysis : A Personal Journey. *Social Analysis*, Volume 50, Number 2, Summer 2006,pp.25-44.
- King, D.B., Viney, W. & Woody, W.D. (2008). A history of psychology: Ideas and context. (4th Ed.).Pearson education.
- Leahey, T.H. (2005). A History of Psychology: Main currents in psychological thought (6th Ed.). Singapore: Pearson Education.
- St.Clair, Michael(1999) Object Relations and Self-Psychology:An Introduction.Wadsworth Publ. Company.
- Schultz & Schultz (1999).A History of Modern Psychology. Harcourt College Pub./ Latest Ed available.
- Thomas, Teo. (2005). The Critique of Psychology: From Kant to Post Colonial Theory. Springer.
- Sharma, Ramnath Manovigyan ka itihās.
- Singh, Monovigyan ka sampradāy.

**V. CORE COURSE -C 6:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**PSYCHOLOGICAL RESEARCH****Theory: 60 Lectures****Unit-I: Bases of research in psychology**

- Definitions & objectives of psychological research.
- Qualities of a good research
- Ethics in psychological research.
- **Types:**
  - ✓ Quantitative and Qualitative orientation and their steps.
  - ✓ Formulation of research proposals and developing testable hypotheses/research questions.

**Unit-II: Sampling**

- ✓ Nature & definition
- ✓ Types of Sampling.

**Unit-III: Methods of Data Collection**

- Observation
- Interview
- Questionnaire, and
- Case study.

**Unit-IV: Psychological Testing**

- Characteristics of test
- Reliability
- Validity
- Norms and
- Standardization.

**Suggested Readings:**

- Bryman, A.(2004). Quantity and Quality in Social Research.Routledge.
- Chadha, N.K. (2009) Applied Psychometry. Sage Pub: New Delhi
- Dyer, C. (2001) Research in Psychology: A Practical Guide to Research Methodology and Statistics (2nd Ed.) Oxford: Blackwell Publishers
- Kerlinger, F.N.& Lee, H.B.(1999). Foundations of Behavioural Research. Wadsworth
- Murphy, K.R. & Davidshofer, C. O. (2004). Psychological Testing: Principles & Applications (6th Ed.) New Jersey: Prentice Hall.
- Neuman, W.L. (2006). Social Research Methods: Qualitative and Quantitative Approaches (6th Ed.) Boston: Pearson Education.
- Willig, C. (2001). Introducing qualitative research in psychology: Adventures in theory and method. Philadelphia : Open University Press.
- Singh,A.K, Manovigyan, Samajshastra tatha Siksha me shod vidhiyan.(2012) Motilal Banarsidas.

**VI. CORE COURSE -C 7:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for  
Mid Semester Examination (MSE):***

There will be **two** group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

***End Semester Examination (ESE):***

There will be **two** group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**SOCIAL PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction**

- Nature and scope of social psychology
- History of social psychology
- Relationship of Social psychology with Sociology and Anthropology
- Current status of Social Psychology in India with special reference of Jharkhand.

**Unit-II: Attitude**

- Nature and definitions
- Formation of attitude
- Factors responsible for attitude change

**Unit-III: Social Interaction and Influences**

- Social perception – Nature, factors affecting social cognition.
- Pro-Social behavior – Nature, factors developing pro-social behavior.

**Unit-IV: Group Dynamics and Inter Group Relations**

- Nature of Groups
- Types and function of group
- Prejudice-Nature & determinants (Sociological & Psychological)

**Suggested Readings:**

- Baron, R.A., Byrne, D. & Bhardwaj, G. (2010). Social Psychology (12th Ed.). New Delhi: Pearson.
- Baumeister, R.F. & Bushman, B.J. (2013). Social Psychology and Human Nature. Wadsworth.
- Franzoi, S.L. (2009). Social Psychology (5th Ed.). New York: McGraw-Hill.
- Hogg, M. & Vaughan, G.M. (2008). Social Psychology. Prentice Hall.
- Kassin, S., Fein, S., & Markus, H.R. (2008). Social Psychology. New York: Houghton Mifflin.
- Misra, G. (2009). Psychology in India, Vol. 4: Theoretical and Methodological Developments (ICSSR Survey of Advances in Research). New Delhi: Pearson
- Taylor, S.E., Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12th Ed.). New Delhi: Pearson
- Suleman, M. Adunik Samaj Manovigyan.
- Singh, A.K. Uchhatar Samaj Manovigyan.

**PSYCHOLOGY PRACTICAL- C5 + C6 + C7 LAB****Marks : Pr (ESE: 3Hrs) =75****Pass Marks: Pr (ESE) = 30*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

<i>Experiment</i>	<i>= 45 marks</i>
<i>Practical record notebook</i>	<i>= 15 marks</i>
<i>Viva-voce</i>	<i>= 15 marks</i>

**GROUP-A****60 Lectures**

- Determination of DL
- Muller-Lyer Illusion (method of limit)
- Mental Work and Fatigue
- Retro-active Inhibition

**GROUP-B****60 Lectures**

- A Project work on any relevant psychological issue shall be prepared and on the basis of project report, viva-voce will be conducted & credits will be given.

**GROUP-C****60 Lectures**

- Measurement of Prejudice (Religion/Gender/Caste)
  - Measurement of Nationalism
  - Measurement of Attitude
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**SEMESTER IV**


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**6 Papers****Total 100 x 6 = 600 Marks****I. SKILL ENHANCEMENT COURSE SEC 2:**

(Credits: Theory-02)

**Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain three questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of 20 marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**EMOTIONAL INTELLIGENCE & EFFECTIVE DECISION MAKING****Theory: 30 Lectures****Unit-I: Introduction:**

Definition, Models of emotional intelligence; Competencies; Self awareness, self regulation, motivation, empathy and interpersonal skills; Importance of emotional intelligence.

**Unit-II: Managing emotion:**

The relationship between emotion, thought and behaviour, techniques to manage emotions

**Unit-III: Introduction:**

What is decision making? Importance of making good decision in life.

**Unit-IV: Decision regarding Career,**

Discovering self and creating a healthy acceptance of self; Learning to connect with self and vocational choices / career.

**Suggested Readings:**

- Golman, D. (1995). Emotional Intelligence. New York: Bantam Book.
  - Singh, D. (2003). Emotional Intelligence at Work (2<sup>nd</sup> ed.). New Delhi: Response Books.
-

**II. GENERIC ELECTIVE (GE 4A):** (Credits: 06)  
 GE4A paper of First subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

**III. GENERIC ELECTIVE (GE 4B):** (Credits: 06)  
 GE4B paper of Second subject selected in Sem-I to be studied. Refer Table AI 2.4 for name of papers and for Content in detail refer the Syllabus of Opted Generic Elective Subject.

**IV. CORE COURSE -C 8:** (Credits: Theory-04, Practicals-02)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75**

**Pass Marks: Th (MSE +ESE) = 30**

***Instruction to Question Setter for  
 Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**UNDERSTANDING PSYCHOLOGICAL DISORDERS**

**Theory: 60 Lectures**

**Unit-I: Normality and Abnormality**

- The concept of normality and abnormality.
- Criteria and classification.

**Unit-II: Clinical Pictures and Etiology**

- Clinical picture of Anxiety disorders and Obsessive compulsive disorder.
- Somatoform Disorders:
  - ✓ Conversion Disorder
  - ✓ Hypochondriasis

**Unit-III: Manic-Depressive Psychosis**

- Symptoms and etiology
- Substance related disorder

**Unit-IV: Disorders Related to Development**

- Mental Retardation.
- Learning Disability

**Suggested Readings:**

- Bennett,P. (2006). Abnormal and Clinical Psychology: An introductory textbook. N.York: Open Univ. Press.
- Brewer,K. (2001). Clinical Psychology.Oxford : Heinemann Educational Publishers
- Carson,R.C., Butcher,J.N.,Mineka,S.&Hooley,J.M. (2008). Abnormal Psychology. New Delhi: Pearson.
- David Barlow H. & Durand V. Mark, 7thEdition, e-book (2013) Abnormal Psychology :Cengage Learning India Edition
- Kearney, C. A. &Trull, T. J. (2012). Abnormal Psychology and Life: A dimensional approach. New Delhi :Cengage learning.
- Singh, A.K. *Asamanya Kanovigyan.*
- Suleman, M *Asamanya Monovigyan ki Ruprekha.*

**V. CORE COURSE -C 9:**

(Credits: Theory-04, Practicals-02)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for  
Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**STATISTICAL METHODS FOR PSYCHOLOGICAL RESEARCH-II****Theory: 60 Lectures****Unit-I: Correlation**

- Meaning of correlation
- Spearman's Rank Order correlation.
- Pearson's product moment method of correlation

**Unit-II: Hypotheses Testing**

- Difference between two independent means (uncorrelated).
- Hypothesis testing for Correlated means.

**Unit-III: Hypothesis testing for difference among three or more groups**

- One Way Analysis of Variances (ANOVA).

**Unit- IV: Null Hypotheses**

- Chi-Square tests

**Suggested Readings:**

- Aron, A., Aron, E.N., & Coups, E.J. (2007). Statistics for Psychology (4th Ed). India: Prentice Hall .
- Chadha, N.K. (1991) Statistics for Behavioral and Social Sciences. Reliance Pub. House: New Delhi
- Field, A. (2009). Discovering Statistics using SPSS (3rd Ed). New Delhi :Sage.
- King, B.M. & Minium, E.W. (2007). Statistical Reasoning in the Behavioral Sciences (5th Ed).USA: John Willey.
- Mangal, S.K. (2012). Statistics in Psychology & Education.(2nd Ed). New Delhi: PHI learning Pvt. Ltd.
- Suleman, M. Manovigyan, Shiksha Avam Sankhiki.
- Singh, Ram Itar, Manovigyan, Mein Sankhiki.

**VI. CORE COURSE -C 10:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**APPLIED SOCIAL PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction**

- Definitions and Nature of Applied Social Psychology.
- Importance and applications of Applied Social Psychology.
- Current status of Applied Social Psychology.

**Unit-II: Psychology and Environment**

- Pollution:
  - ✓ Air
  - ✓ Water
  - ✓ Noise
  - ✓ Crowding
  - ✓ Causes and consequences.

**Unit-III: Psychology of Crime and Corruption**

- **Crime:**
  - ✓ Definitions, nature and characteristics of crime.
  - ✓ Psychological, Biological and Socio-cultural correlates of crime and preventive measures.
- **Corruption:**
  - ✓ Concept, causes, types and controlling measures.

**Unit-IV: Violence against Women**

- Definitions, nature and characteristics.
- Types, causes and consequences
- Legal safe guards.

**Suggested Readings:**

- Kloos, B., Hill, j., Thomas, E., Wandersman, Elias, M. J., & Dalton, J.H. (2012). Community psychology: Linking individuals and communities. Wadsworth, Cengage.
- Mikkelsen, B. (1995). Methods for development work and research: A guide for practioners. New Delhi: Sage.
- Schneider, F.W., Gruman, A., Coultts, L .M. (Eds.). (2012). Applied social psychology: Understanding and addressing social and practical problems. New Delhi: Sage publications.
- Smith, P.B., Bond, M.H., & Kagitcibasi, C. (2006). Understanding social psychology across cultures. New Delhi: Sage Publication.
- Suleman, M. Manovigyan Aur Samajik Samasyach.

**PSYCHOLOGY PRACTICAL- C8 + C9 + C10 LAB****Marks : Pr (ESE: 3Hrs) =75****Pass Marks: Pr (ESE) = 30*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment = 45 marks*

*Practical record notebook = 15 marks*

*Viva-voce = 15 marks*

**GROUP-A****60 Lectures**

- Simple Reaction Time
- Knowledge of Result
- Measurement of Mental Health
- Measurement of Depression

**GROUP-B****60 Lectures****Application of Computer in Statistics (Correlation-‘t’ & Chi Square)****GROUP-C****60 Lectures**

- Environmental Behaviour Scale
  - Psychological Wellbeing Scale
  - Women Empowerment Scale
  - Measurement of Women Violence
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**SEMESTER V**


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**4 Papers****Total 100 x 4 = 400 Marks****I. PSYCHOLOGY SPECIFIC (DSE 1):**

(Credits: Theory-05, Tutorials-01)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**POSITIVE PSYCHOLOGY****Theory: 60 Lectures**

**Unit-I: Introduction:** Definition & Nature, Perspectives of positive Psychology; Western and Eastern, Character Strength.

**Unit-II: Positive Emotional States and Processes:** Happiness and well being, positive emotions, emotional intelligence, Resilience.

**Unit-III: Positive Cognitive States and Processes:** Self efficacy, Optimism, Hope, Wisdom, Flow, Mindfulness.

**Unit-IV: Application –** Work, Education, Ageing, Health.

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**Suggested Readings:**

- Carr, A. (2004). Positive Psychology: The Science of happiness and human strength. U.K.
  - Snyder, C.R., & Lopez, S. (Eds). (2002). Handbook of Positive Psychology. New York: Oxford.
-

**II. PSYCHOLOGY SPECIFIC (DSE 2):**

(Credits: Theory-05, Tutorials-01)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**HEALTH PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction to Health psychology:**

Components of health; Social, Emotional cognitive and physical, Mind-body relationship, Goal of Health psychology, Bio-psycho-social Models of health.

**Unit-II: Behaviour and Health:**

Characteristics of health behaviour; Theories of health behaviour, Barriers to health behaviour, and their implications.

**Unit-III: Health Enhancing Behaviour:**

Exercise, Nutrition, Safety, Stress Management.

**Unit-IV: Health and Well Being:**

Happiness, Life satisfaction; Resilience, Optimism, and Hope

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**Suggested Readings:**

- Allen, F. (2011). Health Psychology and Behaviour. Tata Mc. Graw Hill Edition.
-

**PSYCHOLOGY PRACTICAL- DSE1 + DSE2 LAB****Marks : Pr (ESE: 3Hrs) =50****Pass Marks: Pr (ESE) = 20*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment = 30 marks*

*Practical record notebook = 10 marks*

*Viva-voce = 10 marks*

**GROUP-A****60 Lectures**

- Spiritual Intelligence Scale
- Quality of Life
- Measurement of Self Confidence
- Measurement of Happiness or Social maturity

**GROUP-B****60 Lectures**

- Measurement of Life Satisfaction.
  - Measurement of Cleanliness
  - Measurement of Resilience
  - Measurement of Psychological Well Being
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**III. CORE COURSE -C 11:**

(Credits: Theory-04, Practicals-02)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**UNDERSTANDING AND DEALING WITH PSYCHOLOGICAL DISORDERS****Theory: 60 Lectures****Unit-I: Nature, Type, Etiology and Interventions for Schizophrenia****Unit-II: Psychoanalytic Perspective**

Conversion disorder and; Humanistic- Existential Perspective in understanding Psychological disorder

**Unit-III: Behavioral and Cognitive Explanation and Intervention in Phobia, Depression and Eating Disorder****Unit-IV: Family and Group Therapy**

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**Suggested Readings:**

- Bennett, P. (2011) Abnormal and Clinical Psychology: An introductory Textbook, McGraw Hill.
  - Carson,R.C., Butcher,J.N., Mineka,S.&Hooley,J.M. (2008). Abnormal Psychology. New Delhi: Pearson.
  - Plante, T.G. () Contemporary Clinical Psychology John Wiley & Sons.
  - Riskind, J.H., Manos,M.J. and Alloy,L.B. (2004) Abnormal Psychology : Current Perspectives. McGraw Hill
-

**IV. CORE COURSE -C 12:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**DEVELOPMENTAL PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction**

- Concept of human development
- Theories of human development:
  - ✓ Piaget and Vygotsky

**Unit-II: Stage of Life Span Development**

Prenatal Development, Birth and Infancy, Childhood, Adolescents, Adulthood and Elderly.

**Unit-III: Domains of Human Development: Nature and Characteristics**

- Cognitive development
- Language development
- Emotional development
- Personality development

**Unit-IV: Socio-Cultural Context for Human Development**

- Family
- Peer group
- Media and schooling
- Human Development in Indian context.

**Suggested Readings:**

- Berk, L. E. (2010). *Child Development* (9th Ed.). New Delhi: Prentice Hall.
- Feldman, R.S.&Babu.N. (2011). *Discovering the Lifespan*. Pearson .
- Georgas, J., John W. Berry., van de Vijver, F.J.R, Kagitçibasi, Çigdem, Poortinga, Y. P. (2006). *Family across Thirty Cultures: A Thirty Nation Psychological Study*. Cambridge Press.
- Mitchell, P. and Ziegler, F. (2007). *Fundamentals of development: The Psychology of Childhood*. New York: Psychology Press.
- Papalia, D. E., Olds, S.W. & Feldman, R.D. (2006). *Human development* (9th Ed.). N. Delhi: McGraw Hill.
- Santrock, J. W. (2011). *Child Development* (13th Ed.). New Delhi: McGraw Hill.
- Santrock, J.W. (2012). *Life Span Development* (13th ed.) New Delhi: McGraw Hill.
- Saraswathi, T.S. (2003). *Cross-cultural perspectives in Human Development: Theory, Research and Applications*. New Delhi: Sage Publications.
- Srivastava, A.K. (1997). *Child Development: An Indian Perspective*. New Delhi.
- Hurlock, *Developmental Psychology*
- Sinha, RRP – Vikasatmak aonovigyan.
- Singh, R. Vikasatmak Manovigyan

**PSYCHOLOGY PRACTICAL- C11 + C12 LAB****Marks : Pr (ESE: 3Hrs) =50****Pass Marks: Pr (ESE) = 20*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment = 30 marks*

*Practical record notebook = 10 marks*

*Viva-voce = 10 marks*

**GROUP-A****60 Lectures****Projective Techniques**

- ✓ TAT
- ✓ WAT
- ✓ Measurement of Stress
- ✓ Old Age Adjustment Inventory.

**GROUP-B****60 Lectures**

- Self concept questionnaire by Raj Kumar Saraswat
  - Mangal Emotional Intelligence Inventory by S.K. Mangal & Shubhra Mangal.
  - Parental Encouragement questionnaire by K.G. Agarwal
  - Achievement Motivation Scale
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**SEMESTER VI**


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**4 Papers****Total 100 x 4 = 400 Marks****I. PSYCHOLOGY SPECIFIC (DSE 3):**

(Credits: Theory-06)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for  
Mid Semester Examination (MSE):***

*There will be two group of questions. Group A is compulsory and will contain five questions of very short answer type consisting of 1 mark each. Group B will contain descriptive type three questions of five marks each, out of which any two are to answer.*

***End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type five questions of fifteen marks each, out of which any three are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**COMMUNITY PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction:**

Definition of Community psychology, Types of Models.

**Unit-II: Core-Values:**

Individual and family wellness; Sense of Community.

Respect for human diversity; Social justice, Empowerment.

**Unit-III: Health Promotion:**

Process of Community organization for health-promotion, Importance, Community Programme for child and maternal health, Physical challenged and old aged person in Indian context.

**Unit-IV: Interventions:**

Community Development and empowerment, Case Studies in Indian context.

**Suggested Readings:**

- Mishra, G. (Ed).(2010) Psychology in India. Indian Counsel of Social Science
  - Research. Dorling Kindersley (India) Pvt. Ltd. Pearson Education.
-

**II. PSYCHOLOGY SPECIFIC (DSE 4):**

(Credits: Theory-06)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

There will be **two** group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

***End Semester Examination (ESE):***

There will be **two** group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**STRESS MANAGEMENT****Theory: 60 Lectures****Unit-I: Introduction:**

Nature and symptoms of stress.

**Unit-II: Various sources of stress:**

Environmental, Social, Physical and psychological.

**Unit-III: Stress & Health:**

Effect of stress on health-mental and physical.

**Unit-IV: Managing stress:**

Methods -yoga, Meditation, Relaxation, Technique-Problem focus & emotion focus approach

**Suggested Readings:**

- Bechtel, Robert B. (1997): Environment and Behaviour- An Introduction, New Delhi: Sage Publication.

**HOME SCIENCE PRACTICAL- DSE3 + DSE4 LAB****Marks : Pr (ESE: 3Hrs) =50****Pass Marks: Pr (ESE) = 20*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment* = 30 marks

*Practical record notebook* = 10 marks

*Viva-voce* = 10 marks

**GROUP-A****60 Lectures**

- Application of value orientation scale.
- Application of life satisfaction scale.
- Dimension of Friendship Scale
- Human Right Awareness Test

**GROUP-B****60 Lectures**

- Academic Achievement Scale
  - Measurement of Mental Stress
  - Teacher's Job Satisfaction Scale
  - Youth Problem Inventory
-

**III. CORE COURSE -C 13:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

**Instruction to Question Setter for****Mid Semester Examination (MSE):**

There will be two group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

**End Semester Examination (ESE):**

There will be two group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**ORGANIZATIONAL BEHAVIOUR****Theory: 60 Lectures****Unit-I: Introduction**

- Nature, definition and Scope
- Historical perspective
- Contemporary trends and challenges

**Unit-II: Introduction of Work Related Attitudes and Work Motivation**

- Employee attitude and job satisfaction
- Work motivation
- Job involvement

**Unit-III: Leadership**

- Basic Approaches
  - ✓ Trait theory
  - ✓ Behavioral theories and
  - ✓ Contingency theories
- Indian perspective on leadership

**Unit-IV: Dynamics of Organizational Behavior**

- Stress in Organization:
  - ✓ Nature, Effect, sources and Techniques for managing stress.

**Suggested Readings:**

- Chadha, N.K. (2007). Organizational Behavior. Galgotia Publishers: New Delhi.
- Greenberg, J. & Baron, R.A. (2007). Behaviour in Organizations (9th Ed.). India: Dorling Kindersley.
- Griffin, R.W. & Moorhead, G. (2009). Organizational Behavior: Managing People & Organizations. New Delhi :Biztantra publishers.
- Landy, F.J. & Conte, J.M. (2007). Work in the 21st Century: An Introduction to Industrial and Organizational Psychology. New York: Wiley Blackwell.
- Luthans, F. (2009). Organizational behavior. New Delhi: McGraw Hill.
- Muchinsky, P. (2006). Psychology applied to work: An introduction to industrial and organizational psychology. NC: Hypergraphic Press.
- Pareek, U. (2010). Understanding organizational behaviour. Oxford: Oxford University Press.
- Prakash, A. (2011). Organizational behavior in India: An indigenous perspective. In G. Misra (Ed.), Handbook of Psychology. New Delhi: Oxford University Press.
- Robbins, S. P. & Judge, T.A. (2007). Organizational Behavior (12th Ed). New Delhi: Prentice Hall of India.
- Singh, K. (2010). Organizational Behavior: Texts & Cases. India: Dorling Kindersley
- Sinha, J.B.P. (2008). Culture and Organizational Behavior. New Delhi: Sage.

**IV. CORE COURSE -C 14:**

(Credits: Theory-04, Practicals-02)

Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75

Pass Marks: Th (MSE +ESE) = 30

***Instruction to Question Setter for******Mid Semester Examination (MSE):***

There will be **two** group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

***End Semester Examination (ESE):***

There will be **two** group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**COUNSELLING PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction**

- Meaning & nature and goals
- Counseling as profession
- Characteristics of effective counselor
- Status of effective counseling in India

**Unit-II: Counseling Process**

- Building counseling relationship
- Working in a counseling relationship
- Closing counseling relationship

**Unit-III: Techniques of Counseling**

Psychoanalytic, Humanistic, Behavioral and cognitive techniques;

**Unit-IV: Applications of Counseling**

- ✓ Child counseling school & colleges
- ✓ Family counseling
- ✓ Career
- Crisis Intervention- Suicide, Grief and Sexual Abuse.

**Suggested Readings:**

- Aguilera, D.C. (1998). Crisis Intervention: Theory and Methodology (8th Ed.) Philadelphia: Mosby.
- Belkin, G. S. (1998). Introduction to Counselling (3rd Ed.) Iowa: W. C. Brown.
- Capuzzi, D. & Gross, D. R. (2007). Counselling and Psychotherapy: Theories and Interventions (4th Ed.) New Delhi. Pearson.
- Corey, G. (2009) Counselling and Psychotherapy; Theory and Practice.(7th Ed.) New Delhi: Cengage Learning.
- Friedlander, M.L. & Diamond, G.M. (2012). Couple and Family Therapy. In E. M. Altmaier and J.C. Hansen (Eds.) The Oxford Handbook of Counselling Psychology. New York: Oxford University Press.
- Hansen, J.C. (2012). Contemporary Counselling Psychology. In E. M. Altmaier and J.C. Hansen (Eds) The Oxford Handbook of Counselling Psychology. New York: Oxford University Press.
- Kapur, M. (2011). Counselling Children with Psychological Problems. New Delhi, Pearson.
- Rao, K. (2010). Psychological Interventions: From Theory to Practice. In G. Misra (Ed): Psychology in India. Volume 3: Clinical and Health Psychology. New Delhi. ICSSR/ Pearson

**HOME SCIENCE PRACTICAL- C13 + C14 LAB****Marks : Pr (ESE: 3Hrs) =50****Pass Marks: Pr (ESE) = 20*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:*

*Experiment = 30 marks*

*Practical record notebook = 10 marks*

*Viva-voce = 10 marks*

**GROUP-A****60 Lectures**

- Measurement of Job Satisfaction
- Measurement of Occupational Stress
- Measurement of Quality of Work Life
- Measurement of Leadership

**GROUP-B****60 Lectures**

- Project on Counseling of School/Family/Career
-

COURSES OF STUDY FOR **GENERIC ELECTIVE 'B. A. Hons'** PROGRAMME IN  
**"PSYCHOLOGY"**

**SEMESTER I****GENERIC ELECTIVE****1 Paper****Total 100 x 1 = 100 Marks**

(Credits: Theory-04, Practicals-02)

**I. GENERIC ELECTIVE (GE 1)**

- All Four Generic Papers (One paper to be studied in each semester) of Psychology to be studied by the Students of **Other than Psychology Honours**.
- Students of **Psychology Honours** must Refer Content from the **Syllabus of Opted Generic Elective Subject**.

Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100	Pass Marks: Th ESE = 30 + Pr ESE =10
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***Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type six questions of fifteen marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**INTRODUCTION OF PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Definition, scope and goal of psychology**

- ✓ Methods of Psychology
  - Observation
  - Experimental
  - Interview

**Unit-II: Perception**

- ✓ Definitions
- ✓ Role of attention in perception
- ✓ Perceptual Organization

**Unit-III: Learning**

- ✓ Meaning, Nature and Definitions of Learning
- ✓ Role of Motivation in Learning
- ✓ Theories of Learning
  - Trial and Error theory
  - Insight theory

**Unit-IV: Memory**

- ✓ Meaning, Nature and Definitions of Memory
- ✓ Process of memory
- ✓ Types of memory

**PSYCHOLOGY PRACTICAL: GE 1 LAB:****60 Lectures**

- ✓ Simple Reproduction Method
- ✓ Serial Reproduction Method
- ✓ Effect of Practice in Sensory Motor Learning (Card Shorting& Mirror Drawing)

**Suggested Readings:**

- Mohsin,S.M. (1982). Experiments in Psychology. Motilal Banarsidas.
  - Suleman,M. (1996). Manovagyanik Prayog aur Parikshan.
  - Sulemaan, M. (2011) Samaanya Manovigyan:Mool prakriyen ewam sangyanatmak prakriyen.(Hindi\_ Motilal Banarsi Das New Delhi .
  - Singh, A.K. (2015). Advanced General Psychology (Hindi) Motilal Banarsi Das New Delhi.
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**SEMESTER II****GENERIC ELECTIVE****1 Paper****Total 100 x 1 = 100 Marks****II. GENERIC ELECTIVE (GE 2)**

(Credits: Theory-04, Practicals-02)

**Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100****Pass Marks: Th ESE = 30 + Pr ESE =10*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 will be short answer type of 5 marks. Group B will contain descriptive type six questions of fifteen marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**SOCIAL PSYCHOLOGY****Theory: 60 Lectures****Unit-I: Introduction**

- Nature, Definitions, scope.
- Relationship with sociology and anthropology.

**Unit-II: Socialization**

- Process and factors influencing socialization.

**Unit-III: Group**

- Structure, functions and kind of group.

**Unit-IV: Attitude**

- Definitions, formation and change.

**PSYCHOLOGY PRACTICAL GE 2 LAB:****60 Lectures**

- **Verbal Learning**
  - ✓ Prompting- Anticipation method
  - ✓ Pair- Association Method
  - ✓ Recall-Recognition

**Suggested Readings:**

- Baron, R.A. & Byrne, D. (1998). Social Psychology: New Delhi: Prentice Hall.
- Singh, A.K. (2010). Samaj Manovigyan ki Ruprekha: New Delhi: Motilal Banarsidas.

**SEMESTER III****GENERIC ELECTIVE****1 Paper****Total 100 x 1 = 100 Marks****III. GENERIC ELECTIVE (GE 3)**

(Credits: Theory-05, Tutorial-01)

**Marks : 100 (ESE: 3Hrs) =100****Pass Marks: Th ESE = 40*****Instruction to Question Setter for  
End Semester Examination (ESE):***

*There will be two group of questions. Group A is compulsory and will contain two questions. Question No.1 will be very short answer type consisting of ten questions of 1 mark each. Question No.2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type six questions of twenty marks each, out of which any four are to answer. Note: There may be subdivisions in each question asked in Theory Examinations.*

**PSYCHOPATHOLOGY****Theory: 75 Lectures; Tutorial: 15 Lectures****Unit-I: Introduction**

- Nature and definitions
- Characteristics of abnormal behaviour
- Methods of abnormal psychology:
  - ✓ Psychoanalysis
  - ✓ Case study
  - ✓ Interview

**Unit-II: Topographical aspects of mind**

- Nature and Characteristics of:
  - ✓ Conscious
  - ✓ Sub-Conscious
  - ✓ Unconscious

**Unit-III: Dynamic aspects of mind**

- Characteristics and functions of:
  - ✓ Id
  - ✓ Ego
  - ✓ Super Ego

**Unit-IV: Mental mechanism**

- Meaning & types of mental mechanism

**PSYCHOLOGY PRACTICAL GE 3 LAB:****60 Lectures**

- Maudsley Personality Inventory (MPI)
- General Intelligence Test (GIT)
- Anxiety Scale

**Suggested Readings:**

- Coleman, J.C. (1976). Abnormal Psychology and Modern Life. Scott, Foresman and Company.
- Sinha, R.R.P. & Mishra, B.K. (1996). Abnormal Psychology. Bharti Bhawan.

**SEMESTER IV****GENERIC ELECTIVE****1 Paper****Total 100 x 1 = 100 Marks****IV. GENERIC ELECTIVE (GE 4)**

(Credits: Theory-04, Practicals-02)

**Marks : 75 (ESE: 3Hrs) + 25 (Pr 3Hrs)=100****Pass Marks: Th ESE = 30 + Pr ESE =10*****Instruction to Question Setter for******End Semester Examination (ESE):***

*There will be two group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of fifteen marks each, out of which any four are to answer.*

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**PSYCHOLOGICAL STATISTICS****Theory: 60 Lectures****Unit-I: Introduction**

- Meaning and application of Statistics in Psychology.

**Unit-II: Frequency Distribution**

- Range
- Frequency Distribution
- Graphical Representation of Grouped Data

**Unit-III: Measures of Central Tendency**

- Mean
- Median
- Mode

**Unit-IV: Measures of Variability**

- Average Deviation
- Quartile Deviation
- Standard Deviation

**PSYCHOLOGY PRACTICAL- GE 4 LAB:****60 Lectures**

- Muller-Lyer Illusion (Average Error & Method of Limits)
- Colour Preference
- Distraction of Attention

**Suggested Readings:**

- Mohsin, S.M. (1982). Experiments in Psychology Motilal Banarsidas.
- Sinha, R.R.P. & Mishra, B.K. (1984). Experiments and Statistics in Psychology. Bharti Bhawan.
- Hussain, S. (1996). Elementary Statistics in Psychology.

## COURSES OF STUDY FOR ABILITY ENHANCEMENT COMPULSORY COURSE

## SEMESTER I

## ENGLISH COMMUNICATION

## 1 Paper

## I. ENGLISH COMMUNICATION

Theory: 30 Lectures

Marks : 100 (ESE 3Hrs) =100

Pass Marks Th ESE = 40

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

There will be **two** group of questions. **Group A is compulsory** and will contain three questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 & 3 will be short answer type** of 5 marks. **Group B will contain descriptive type** six questions of 20 marks each, out of which any four are to answer.

*Note: There may be subdivisions in each question asked in Theory Examinations.*

**OBJECTIVE:** To equip students effectively to acquire skills in reading, writing, comprehension and communication, as also to use electronic media for English Communication.

**Unit I:** Communication – Definition, stages, barriers, types: verbal and non-verbal, Listening- Meaning, Nature and importance, Principles of Good Listening.

**Unit II:** Class-presentation (Oral for five minutes) on any of the above-mentioned topics: Descriptive writing, expansion of an idea.

**Unit III:** Writing skills –, notice writing, advertisement writing, précis writing, essay writing, letter writing (applications), Business letter formats (letters of enquiry, replies and complaints), resume writing, covering letter

**Unit IV:** Vocabulary building: One word substitution, synonyms and antonyms, idioms and phrases

**Suggested Reading:**

- Technical Communication*, M.H. Rizvi, Tata Mc Grawhill
- Effective Business Communication*, Asha Kaul
- Developing Communication Skills*, Krishnamohan
- Functional Grammar and Spoken and Written Communication in English*, Bikram K. Das, Orient Blackswan
- Precis, Paraphrase and Summary*, P.N. Gopalkrishnan, Authors Press
- Communication Skills*, Sanjay Kumar and Pushplata, Oxford Publication

**Note: Latest edition of text books may be used.**

OR

**SEMESTER I****HINDI COMMUNICATION****1 Paper****Total 100 x 1 = 100 Marks****II. HINDI COMMUNICATION****Theory: 30 Lectures****Marks : 100 (ESE 3Hrs) =100****Pass Marks Th ESE = 40****प्रश्न पत्र के लिए निर्देश****छमाही परीक्षा :**

प्रश्नों के दो समूह होंगे। खण्ड 'A' अनिवार्य है जिसमें तीन प्रश्न होंगे। प्रश्न संख्या 1 में दस अत्यंत लघु उत्तरीय 1 अंक के प्रश्न होंगे। प्रश्न संख्या 2 व 3 लघु उत्तरीय 5 अंक का प्रश्न होगा। खण्ड 'B' में छः में से किन्हीं चार 20 अंको के वर्णनात्मक प्रश्नों के उत्तर देने होंगे।

नोट : थ्योरी परीक्षा में पूछे गए प्रत्येक प्रश्न में उप-विभाजन हो सकते हैं।

**हिन्दी व्याकरण एवं संप्रेषण (क्रेडिट: सैद्धान्तिक -02)****सैद्धान्तिक: 30 व्याख्यान****इकाई-1****हिन्दी व्याकरण और रचना,**

संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, कारक, वचन, संधि, उपसर्ग, प्रत्यय तथा समास, लिंग निर्णय, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, शब्द शुद्धि, वाक्य शुद्धि, मुहावरे और लोकोक्तियाँ, पल्लवन एवं संक्षेपण।

**इकाई -2****निबंध कला तथा समसामयिक एवं राष्ट्रीय विषयों पर निबंध लेखन****इकाई -3****संप्रेषण (संचार)**

—संप्रेषण की अवधारण और महत्व, संप्रेषण के लिए आवश्यक शर्तें, संप्रेषण के प्रकार, संप्रेषण का माध्यम, संप्रेषण कला, संप्रेषण की तकनीक, वाचन कला, समाचार वाचन, साक्षात्कार कला, रचनात्मक लेखन का लक्ष्य, रचनात्मक लेखन का आधार, भाव और विचारों की प्रस्तुति, वाक् कला की उपयोगिता।

**अनुशंसित पुस्तकें :-**

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> वृहत व्याकरण भास्कर               | : डॉ० वचनदेव कुमार                |
| <input type="checkbox"/> वृहत निबंध भास्कर                 | : डॉ० वचनदेव कुमार                |
| <input type="checkbox"/> आधुनिक हिन्दी व्याकरण और रचना     | : डॉ० वासुदेव नन्दन प्रसाद        |
| <input type="checkbox"/> रचना मानस                         | : प्रो० रामेश्वर नाथ तिवारी       |
| <input type="checkbox"/> व्यवहारिक हिन्दी                  | : डॉ० जंग बहादुर पाण्डेय          |
| <input type="checkbox"/> रचनात्मक लेखन                     | : डॉ० रमेश गौतम                   |
| <input type="checkbox"/> राजहंस हिन्दी निबंध               | : प्रो० आर० एन० गौड़              |
| <input type="checkbox"/> सफल हिन्दी निबंध                  | : रत्नेश्वर                       |
| <input type="checkbox"/> निबंध सहचर                        | : डॉ० लक्ष्मण प्रसाद              |
| <input type="checkbox"/> उपकार मुहावरे और लोकोक्तियाँ      | : प्रो० राजेश्वर प्रसाद चतुर्वेदी |
| <input type="checkbox"/> कहानियों कहावतों की               | : प्रताप अनम                      |
| <input type="checkbox"/> सम्प्रेषणपरक हिन्दी भाषा शिक्षण   | : डॉ० वैशना नारंग                 |
| <input type="checkbox"/> शैली विज्ञान                      | : डॉ० सुरेश कुमार                 |
| <input type="checkbox"/> शैली विज्ञान प्रतिमान और विश्लेषण | : डॉ० पांडेय शशिभूषण 'शीतांशु'    |
| <input type="checkbox"/> शैली विज्ञान का इतिहास            | : डॉ० पांडेय शशिभूषण 'शीतांशु'    |

**OR**

**SEMESTER I****AECC NH + MATRIBHASHA****1 Paper****Total 50 x 2 = 100 Marks****III. AECC NH + MB****[A] AECC NON-HINDI****अहिन्दी****Theory: 15 Lectures**

(क्रेडिट: सैद्धान्तिक -01)

**Marks : 50 (ESE 1.5 Hrs) = 50****Pass Marks Th ESE = 20****प्रश्न पत्र के लिए निर्देश****छमाही परीक्षा :**

प्रश्नों के दो समूह होंगे। खण्ड 'A' अनिवार्य है जिसमें लघु उत्तरीय 5 अंक का दो प्रश्न होगा। खण्ड 'B' में तीन में से किन्हीं दो 20 अंको के वर्णनात्मक प्रश्नों के उत्तर देने होंगे।

नोट : थ्योरी परीक्षा में पूछे गए प्रत्येक प्रश्न में उप-विभाजन हो सकते हैं।

**हिन्दी व्याकरण एवं संप्रेषण****सैद्धान्तिक: 15 व्याख्यान****इकाई-1****हिन्दी व्याकरण और रचना,**

संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, कारक, वचन, संधि, उपसर्ग, प्रत्यय तथा समास, लिंग निर्णय, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, शब्द शुद्धि, वाक्य शुद्धि, मुहावरे और लोकोक्तियां, पल्लवन एवं संक्षेपण।

**इकाई -2****संप्रेषण (संचार)**

—संप्रेषण की अवधारण और महत्त्व, संप्रेषण के लिए आवश्यक शर्तें, संप्रेषण के प्रकार, संप्रेषण का माध्यम, संप्रेषण कला, संप्रेषण की तकनीक, वाचन कला, समाचार वाचन, साक्षात्कार कला, रचनात्मक लेखन का लक्ष्य, रचनात्मक लेखन का आधार, भाव और विचारों की प्रस्तुति, वाक् कला की उपयोगिता।

**अनुशंसित पुस्तकें :-**

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> वृहत् व्याकरण भास्कर              | : डॉ० वचनदेव कुमार                |
| <input type="checkbox"/> वृहत् निबंध भास्कर                | : डॉ० वचनदेव कुमार                |
| <input type="checkbox"/> आधुनिक हिन्दी व्याकरण और रचना     | : डॉ० वासुदेव नन्दन प्रसाद        |
| <input type="checkbox"/> रचना मानस                         | : प्रो० रामेश्वर नाथ तिवारी       |
| <input type="checkbox"/> व्यवहारिक हिन्दी                  | : डॉ० जंग बहादुर पाण्डेय          |
| <input type="checkbox"/> रचनात्मक लेखन                     | : डॉ० रमेश गौतम                   |
| <input type="checkbox"/> राजहंस हिन्दी निबंध               | : प्रो० आर० एन० गौड़              |
| <input type="checkbox"/> सफल हिन्दी निबंध                  | : रत्नेश्वर                       |
| <input type="checkbox"/> निबंध सहचर                        | : डॉ० लक्ष्मण प्रसाद              |
| <input type="checkbox"/> उपकार मुहावरे और लोकोक्तियाँ      | : प्रो० राजेश्वर प्रसाद चतुर्वेदी |
| <input type="checkbox"/> कहानियों कहावतों की               | : प्रताप अनम                      |
| <input type="checkbox"/> सम्प्रेषणपरक हिन्दी भाषा शिक्षण   | : डॉ० वैशना नारंग                 |
| <input type="checkbox"/> शैली विज्ञान                      | : डॉ० सुरेश कुमार                 |
| <input type="checkbox"/> शैली विज्ञान प्रतिमान और विश्लेषण | : डॉ० पांडेय शशिभूषण 'शीतांशु'    |
| <input type="checkbox"/> शैली विज्ञान का इतिहास            | : डॉ० पांडेय शशिभूषण 'शीतांशु'    |

**[B] MATRI BHASHA****मातृभाषा****Marks : 50 (ESE 1.5 Hrs) = 50****Theory: 15 Lectures**

(क्रेडिट: सैद्धान्तिक -01)

पत्रों के नाम की सूची के लिए तालिका AI-2-4 एवं विवरण हेतु चुने गए विषय के पाठ्यक्रम देखें।

SAMPLE CALCULATION FOR SGPA & CGPA FOR UNDERGRADUATE  
'B.Sc./B.A./B.Com/B.Voc. Honours' PROGRAMME

**Distribution of Credits Semester wise for Undergraduate Honours Courses**

**Table B-1: UG (B.A./ B.Sc./B.Com. /B.Voc Hons. Programme)**

**Semester wise distribution of 164 Credits**

	CC	AECC	GE-A	GE-B	SEC	DSE	Total credits
Semester I	12	02	06	06			20
Semester II	12	02	06	06			20
Semester III	18		06	06	02		26
Semester IV	18		06	06	02		26
Semester V	12					12	24
Semester VI	12					12	24
	<b>84</b>	<b>04</b>	<b>24</b>	<b>24</b>	<b>04</b>	<b>24</b>	<b>140 + 24 = 164</b>

CC=Core Course; AECC=Ability Enhancement Compulsory Course; GE=Generic Elective; SEC=Skill Enhancement Course; DSE=Discipline Specific Elective

**Table B-3: Sample calculation for SGPA for B.Sc./B.A./B.Com/B.Voc. Honours Programme**

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)	SGPA (Credit Point/Credit)
<b>Semester I</b>					
C-1	06	A	8	48	
C-2	06	B+	7	42	
AECC-1	02	B	6	12	
GE-1A	06	B	6	36	
GE-1B	06	B+	7	42	
<b>Total</b>	<b>26</b>			<b>180</b>	<b>6.92 (180 / 26)</b>
<b>Semester II</b>					
C-3	06	B	6	36	
C-4	06	C	5	30	
AECC-2	02	B+	7	14	
GE-2A	06	A+	9	54	
GE-2B	06	B+	7	42	
<b>Total</b>	<b>26</b>			<b>176</b>	<b>6.76 (176 / 26)</b>
<b>Semester III</b>					
C-5	06	A+	9	54	
C-6	06	O	10	60	
C-7	06	A	8	48	
SEC-1	02	A	8	16	
GE-3A	06	O	10	60	
GE-3B	06	B+	7	42	
<b>Total</b>	<b>32</b>			<b>280</b>	<b>8.75 (280 / 32)</b>
<b>Semester IV</b>					
C-8	06	B	6	36	
C-9	06	A+	9	54	
C-10	06	B	6	36	
SEC-2	02	A+	9	18	
GE-4A	06	A	8	48	
GE-4B	06	B+	7	42	
<b>Total</b>	<b>32</b>			<b>234</b>	<b>7.31 (234 / 32)</b>
<b>Semester V</b>					
C-11	06	B	6	36	
C-12	06	B+	7	42	
DSE-1	06	O	10	60	
DSE-2	06	A	8	48	
<b>Total</b>	<b>24</b>			<b>186</b>	<b>7.75 (186 / 24)</b>
<b>Semester VI</b>					
C-13	06	A+	9	54	
C-14	06	A	8	48	
DSE-3	06	B+	7	42	
DSE-4	06	A	8	48	
<b>Total</b>	<b>24</b>			<b>192</b>	<b>8.0 (192 / 24)</b>
<b>CGPA</b>					
<b>Grand Total</b>	<b>140+24=164</b>			<b>1248</b>	<b>7.61 (1248 / 164)</b>

**Table B-4: Sample calculation for CGPA for B.Sc./B.A./B.Com/B.Voc. Honours Programme**

Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Credit:26; SGPA:6.92	Credit:26; SGPA: 6.76	Credit:32; SGPA: 8.75	Credit:32; SGPA: 7.31	Credit:24; SGPA: 7.75	Credit:24; SGPA: 8.0

**Thus CGPA= (26x6.92+26x6.76+32x8.75+32x7.31+24x7.75+24x8.0)/164=7.61**

## MARKS DISTRIBUTION FOR EXAMINATIONS AND FORMAT OF QUESTION PAPERS

**Marks Distribution of Mid Semester Theory Examinations:****Table No. C1:** Marks distribution of Theory Examinations of Mid Semester

Topic	Code	Full Marks	Pass Marks	Time	Group-A (Very short answer type Compulsory Questions) No. of Questions x Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions x Marks = F.M.	Total No. of Questions to Set	
							Group A	Group B
Mid Sem*	T15	15	---	1 Hr	5 x1 =5	2 (out of 3) x5 =10	5	3
	T25	25	---	1 Hr	5 x1 =5	4 (out of 6) x5 =20	5	6

**Marks Distribution of End Semester Theory Examinations:****Table No. C2:** Marks distribution of Theory Examinations of End Semester

Topic	Code	Full Marks	Pass Marks including Mid Sem	Time	Group-A# (Very short answer type Compulsory Questions) No. of Questions x Marks = F.M.	Group-B (Descriptive Questions with Choices) No. of Questions x Marks = F.M.	Total No. of Questions to Set	
							Group A#	Group B
End Sem	T60	60	30	3 Hrs	Q.No.1 (10x1) + 1x5 =15	3 (out of 5) x15 =45	2	5
	T75	75	40	3 Hrs	Q.No.1 (10x1) + 1x5 =15	4 (out of 6) x15 =60	2	6
	T100	100	40	3 Hrs	Q.No.1 (10x1) + 2x5 =20	4 (out of 6) x20 =80	3	6
	T50 +T50	50X2=100	20	3 Hrs	2 x5 =10	2 (out of 3) x20 =40	2	3

# Question No.1 in Group-A carries 10 very short answer type 1 Mark Questions.

**Marks Distribution of Mid/End Semester Practical Examinations:****Table No. C3:** Marks distribution of Practical Examinations of End Semester

Topic	Code	Full Marks	Pass Marks	Time	Distribution of Marks			Total No. of Questions to Set
					Experiment	Record	Viva	
End Sem	P25	25	10	3 Hrs	15	5	5	
	P50	50	20	3 Hrs	30	10	10	Pr. with components of both papers
	P75	75	30	3 Hrs	45	15	15	Pr. with components of all three papers
	P100	100	40	3 Hrs	60	20	20	Pr. with components of all four papers

**Abbreviations :** T= Theory Examination, P= Practical Examination.

**Mid Sem\*** : There will be 15 Marks Theory Examination in Practical Subjects and 25 Marks Theory Examination in Non-Practical Subjects/ Papers. 25 Marks Theory Examination may include 10 Marks questions from Assignment/ Project/ Tutorial where ever applicable.

**Note** : There may be subdivisions in each question asked in Theory Examinations.

FORMAT OF QUESTION PAPER FOR MID SEM EXAMINATION  
OF  
SUBJECTS WITH PRACTICAL



## Ranchi University, Ranchi

Mid Sem No.Exam Year

**Subject/ Code**

**F.M.** =15**Time**=1Hr.**General Instructions:**

समान्य निर्देश :

- i. **Group A** carries very short answer type compulsory questions.  
(खंड 'A' में अत्यंत लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- ii. **Answer 2 out of 3** subjective/ descriptive questions given in **Group B**.  
(खंड 'B' के तीन में से किन्हीं दो विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

- |    |       |  |         |
|----|-------|--|---------|
| 1. | ..... |  | [5x1=5] |
| 2. | ..... |  |         |
| 3. | ..... |  |         |
| 4. | ..... |  |         |
| 5. | ..... |  |         |

**Group B**

- |    |       |  |     |
|----|-------|--|-----|
| 6. | ..... |  | [5] |
| 7. | ..... |  | [5] |
| 8. | ..... |  | [5] |

**Note:** There may be subdivisions in each question asked in Theory Examination.

FORMAT OF QUESTION PAPER FOR MID SEM EXAMINATION  
OF  
SUBJECTS WITHOUT PRACTICAL



## Ranchi University, Ranchi

Mid Sem No.Exam Year**Subject/ Code****F.M.** =25**Time**=1Hr.**General Instructions:**

समान्य निर्देश :

- i. **Group A** carries very short answer type compulsory questions.  
(खंड 'A' में अत्यंत लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- ii. **Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.  
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

- |         |  |         |
|---------|--|---------|
| 1. .... |  | [5x1=5] |
| 2. .... |  |         |
| 3. .... |  |         |
| 4. .... |  |         |
| 5. .... |  |         |

**Group B**

- |          |  |     |
|----------|--|-----|
| 6. ....  |  | [5] |
| 7. ....  |  | [5] |
| 8. ....  |  | [5] |
| 9. ....  |  | [5] |
| 10. .... |  | [5] |
| 11. .... |  | [5] |

**Note:** There may be subdivisions in each question asked in Theory Examination.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

AECC NH + MB COMMUNICATION



## Ranchi University, Ranchi

End Sem No.Exam Year

**Subject/ Code**

**F.M.** =50**P.M.**=20**Time**=1.5Hrs.

**General Instructions:**

- i. **Group A** carries short answer type **compulsory** questions.  
(खंड 'A' में लघु उत्तरीय अनिवार्य प्रश्न हैं।)
- ii. **Answer 2 out of 3** subjective/ descriptive questions given in **Group B**.  
(खंड 'B' के तीन में से किन्हीं दो विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

- |         |  |     |
|---------|--|-----|
| 1. .... |  | [5] |
| 2. .... |  | [5] |

**Group B**

- |         |  |      |
|---------|--|------|
| 3. .... |  | [20] |
| 4. .... |  | [20] |
| 5. .... |  | [20] |

**Note:** There may be subdivisions in each question asked in Theory Examination.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

SUBJECTS WITH PRACTICAL



## Ranchi University, Ranchi

End Sem No.Exam Year

**Subject/ Code**

**F.M.** =60**P.M.**=30 (Including Mid Sem)**Time**=3Hrs.

**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 3 out of 5** subjective/ descriptive questions given in **Group B**.  
(खंड 'B' के पाँच में से किन्हीं तीन विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

- |       |       |           |
|-------|-------|-----------|
| 1.    |       | [10x1=10] |
| i.    | ..... | [10x1=10] |
| ii.   | ..... |           |
| iii.  | ..... |           |
| iv.   | ..... |           |
| v.    | ..... |           |
| vi.   | ..... |           |
| vii.  | ..... |           |
| viii. | ..... |           |
| ix.   | ..... |           |
| x.    | ..... |           |
| 2.    | ..... | [5]       |

**Group B**

- |    |       |      |
|----|-------|------|
| 3. | ..... | [15] |
| 4. | ..... | [15] |
| 5. | ..... | [15] |
| 6. | ..... | [15] |
| 7. | ..... | [15] |

**Note:** There may be subdivisions in each question asked in Theory Examination.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

SUBJECTS WITHOUT PRACTICAL



## Ranchi University, Ranchi

End Sem No.Exam Year

**Subject/ Code**

**F.M.** =75**P.M.**=40 (Including Mid Sem)**Time**=3Hrs.

**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.  
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

1. [10x1=10]
- i. ....
  - ii. ....
  - iii. ....
  - iv. ....
  - v. ....
  - vi. ....
  - vii. ....
  - viii. ....
  - ix. ....
  - x. ....

2. .... [5]

**Group B**

3. .... [15]
4. .... [15]
5. .... [15]
6. .... [15]
7. .... [15]
8. .... [15]

**Note:** There may be subdivisions in each question asked in Theory Examination.

## FORMAT OF QUESTION PAPER FOR END SEM EXAMINATION

OF

GE, SEC, GENERAL &amp; AECC HINDI/ ENGLISH COMMUNICATION



## Ranchi University, Ranchi

End Sem No.Exam Year

**Subject/ Code**

**F.M.** =100**P.M.** =40**Time**=3Hrs.

**General Instructions:**

- i. **Group A** carries very short answer type **compulsory** questions.
- ii. **Answer 4 out of 6** subjective/ descriptive questions given in **Group B**.  
(खंड 'B' के छः में से किन्हीं चार विषयनिष्ठ/ वर्णनात्मक प्रश्नों के उत्तर दें।)
- iii. Answer in your own words as far as practicable.  
(यथासंभव अपने शब्दों में उत्तर दें।)
- iv. Answer all sub parts of a question at one place.  
(एक प्रश्न के सभी भागों के उत्तर एक साथ लिखें।)
- v. Numbers in right indicate full marks of the question.  
(पूर्णांक दायीं ओर लिखे गये हैं।)

**Group A**

- |    |            |           |
|----|------------|-----------|
| 1. |            | [10x1=10] |
|    | i. ....    |           |
|    | ii. ....   |           |
|    | iii. ....  |           |
|    | iv. ....   |           |
|    | v. ....    |           |
|    | vi. ....   |           |
|    | vii. ....  |           |
|    | viii. .... |           |
|    | ix. ....   |           |
|    | x. ....    |           |
| 2. | .....      | [5]       |
| 3. | .....      | [5]       |

**Group B**

- |    |       |      |
|----|-------|------|
| 4. | ..... | [20] |
| 5. | ..... | [20] |
| 6. | ..... | [20] |
| 7. | ..... | [20] |
| 8. | ..... | [20] |
| 9. | ..... | [20] |

**Note:** There may be subdivisions in each question asked in Theory Examination.