

SYLLABUS AND SCHEME OF EXAMINATION

FOR

MA/M.Sc. IN ANTHROPOLOGY



UNDER

CHOICED BASED CREDIT SYSTEM (CBCS)

(Applicable from the Academic Session 2015-16 onwards)

Approved from the Academic Session 2019-20 onwards

PG DEPARTMENT OF ANTHROPOLOGY

KHALLIKOTE AUTONOMOUS COLLEGE

KHALLIKOTE UNIVERSITY, BRAHMAPUR, GANJAM, ODISHA

KHALLIKOTE UNIVERSITY, BERAHAMPUR

M.A./ M. Sc. ANTHROPOLOGY

2015-16 onwards

Total Marks=2000 Total credits=80

Sl No	Semester/ Paper code	Title of the paper	Total Marks TE+IA	No. of Credits
FIRST SEMESTER 20 CREDITS (500 Marks)				
1	CC-101	Social Anthropology	80	04
2	CC-102	Cultural Anthropology	80	04
3	CC-103	Biological Anthropology	80	04
4	CC-104	Human Genetics	80	04
5	CC-105-P	Practical(Forensic Techniques, PTC,Darmatoglyphics,BMI,Serology, Techniques of Social Counseling)	100	04
INTERNAL ASSESMENT-101,102,103,104			4x20=80	
SECOND SEMESTER 20 CREDITS (500 MARKS)				
6	CC-201	Prehistoric Anthropology	80	04
7	CC-202	Protohistoric Anthropology	80	04
8	CC-203	Indian Society and Culture	80	04
9	CC-204	Village Community and Community Development Programme	80	04
10	CC- 205-P	Practical-(Prehistoric Tools & Technology, Museology and Museum Management)	100	04
HOME ASSIGNMENT (community related)+viva voice			60+20=80	
THIRD SEMESTER 20 CREDITS (500 MARKS)				
11	CC-301	Demography and Human Ecology	80	04
12	CC-302	Applied Anthropology	80	04
13	CC-303	Research Methodology	80	04
14	CC-304	Practical (Osteology,Craniometry,Mandibolometry, Somatometry and Somatoscopy)	100	04
15	CC-305P	Practical (Social Statistics and Computation of Data Analysis) Community Study (Project+Vivavoce)	100	04
INTERNAL ASSESMENT-301,302,303			4x20=80	
FOURTH SEMESTER 20 CREDITS (500 MARKS)				
16	CC-401	Re-thinking in Socio Cultural Anthropology (Thoughts &Theories)	80	04
17	CC-402	Contribution of Indian Cultural Studies (Tribal Rural and Urban studies)	80	04
18	CC-403	Human Nature and Personality Studies	80	04
19	CC-404P	Dissertation, Seminar and Viva Voice(On the basis of Community Study and Analysis of Data)	100	04
20	CC-405	Practical(Demographic Profile & Socio economic study of a Community & Presentation of data/ PPT & VV)	100	04
		Home Assignment Presentation (Seminar/ PPT)	60	

MA/ M.Sc IN ANTHROPOLOGY
Semester I Socio-Cultural and Biological Anthropology
 CC-102- Social Anthropology

Post Graduate course Structure

<u>Course Subject</u>	<u>Papers</u>	<u>Marks</u>
Core Course	15	1500
Core Elective	4	400
Allied Elective (Inter Disciplinary) 1		100
	Total	2000

Semester wise distribution

<u>Course Subject</u>	<u>Papers</u>	<u>Marks</u>
1 st Semester	Core Course- 5 papers	5x100 500
2 nd Semester	Core Course- 5 papers	5x100 500
3 rd Semeste	Core Elective 2 papes	200
	Core 2 papers	200
	Allied Elective 1 paper	100
4 th Semester	Core 3 papers	300
	Core Elective 2 papes	200
	Total	2000

Each 100 marks paper has 4 credits-(one credit 20marksX4) = 80 Theory+20 Internal

In 1st and 3rd Semester there will be (20 Marks) –Internal Assesment Examination and for 2nd & 4th Semester (20 Marks)- Home Assignment for each 100 marks paper.

MA/M.Sc. IN ANTHROPOLOGY

CORE COURSES 15 Papers

1500 Marks

Semester I	Socio-cultural and Biological Anthropology	500
CC		
101	Social Anthropology	80+20 IA
102	Cultural Anthropology	80+20 IA
103	Biological Anthropology	80+20 IA
104	Human Genetics	80+20 IA
105	Practical –	100
(Forensic Techniques, PTC, Dermatology, BMI, Serology, Techniques of Social Counseling)		

INTERNAL ASSESSMENT- 101,102, 103,104 **4x20=80**

Semester II	Prehistoric Anthropology & Indian Culture	500
CC		
201	Prehistoric Anthropology	80+20 IA
202	Protohistoric Anthropology	80+20 IA
203	Indian Society and Culture	80+20 IA
204	Village Community and Community Development Programme	80+20 IA
205	Practical -	100
(Prehistoric Tools, Museology and Museum Management)		

HOME ASSIGNMENT (Community related) + Viva voce **60+20=80**

Semester III	Applied Anthropology & Demography	500
CC-301	Demography & Human Ecology	80+20 IA
CC-302	Applied Anthropology	80+20 IA
Core Elective-I		
CC-303	Research methodology	80+20IA (Compulsory)
Allied Elective-I		
AE-1(Inter Discipline)		
CC-304	Practical	
(Osteology, Craniometry, Mandibolometry, Somatometry and Somatoscopy)		100
CC-305		
Core Elective-II	Practical -Social Statistics and Computation of Data	80+20 IA

INTERNAL ASSESSMENT 301,302,303, 60
STUDENTS CAN CHOOSE ANY ONE GROUPE FROM THE FOLLOWING SPECIALIZATIONS

Group- A
Special Paper for ARTS

Semester IV Advance Socio-Cultural Anthropology		500
Core-I 401	Re-thinking in Socio Cultural Anthropology (Thoughts & Theories)	80
Core-II 402	Contributions of Indian Cultural Studies (Tribal, Rural and Urban studies)	80
Core Electve-I 403	Human Nature and Personality Studies	80
Core Electve-II 404	Practical	
	Home Assignment -Community Study and Computation of Data Analysis,	80
	Seminar Presentation (Seminar paper/ Power Point)+VV 60+20	80
Core-III 405	Practical	
	Dissertation, Seminar and Viva Voice	60+20+20
100	(On the basis of Community Study and Analysis of Data)	

Group- B
Special Paper for SCIENCE

Semester IV - Advance Biological Anthropology		500
Core-I 401	Evolution, Human Variation	80
Core-II 402	Human Genetics	80
Core Elective-IV 403	Human Growth and Development	80
Core Elective-V 404	Practical	
	Community Study and Lab. Analysis of Data	80
	Home Assignment	
	Presentation (Seminar paper/ Power Point) +VV 60+20=	80
Core-III 405	Dissertation –	100
	(On the basis of Community Study and Lab Analysis of Data)	

ANTHROPOLOGY
Semester – I

	Palmar Dermatoglyphics: Main line formulae Mainline index Hypothernar, Thenar I, II, III, IV interdigital spaces.	
	3. Serology:	15 Marks
	Candidates shall be familiar with techniques of classifying ABO blood group and Rh factor of the subject of subjects.	
	4. Calculation and tabulation of BMI of an adult person	15 Marks
PROJECT	Techniques of Social Counseling:	20 Marks
	Issues relating to burning Life-style diseases: Obesity, Hipertension, Diabetic conditions of man	
	5. Practical Records	10 Marks
	6. Viva Voce	10 Marks
INTERNAL		20X4= 80 <i>Time- 2hrs</i>

Socio-Cultural Anthropology

Books for References:

1. Beals and Hoijer – Introduction to Anthropology
2. Hoebel, E.A. – Man in the Primitive world
3. Majumdar and Madan – Introduction to Social Anthropology
4. Majumdar, D.N. – Races and culture of India.
5. Jennings J.D. and E.A. Hoebel – Readings in Anthropology
6. Beattle, JM – Other cultures
1. Bohannan P – Social Anthropology
2. Linton, R. – The Study of Man
3. Lourie, R.H. – Social Organisation
4. Murdock, G.P. – Social Structure
5. Rodcliffe Brown, A.R. – Structure and Primitive Society
6. Forc, Robin, I. – Kinship and Marriage
7. Goode, J – Family
8. Mair, Lucy – An Introduction to socialAnthropology
9. Sarkar, R.M.- An Introduction to Physical Anthropology

Physical and Human Genetics

Books for References:

1. J. Comas – Manual of physical Anthropology
2. Joseph Birdsell – Human Evolution : An Introduction to physical Anthropology
3. J.Janusch (Ed) – Evolution and Genetic Behaviour and Biology of primates vol -1
4. Buettner Janush – Origin of Man
5. Stern. C – Principles of Human Genetics

- Unit I - Introduction to Indian Society and Indian Culture, Unity and Diversity, India's Population Distribution: Rural Urban and Tribal. Racial and linguistic affinity in Indian population,
- Unit II - India's Vedic Tradition and emergence of Indian Civilization, Indian Social System – Varna & Caste
- Unit III - Process of Indian Cultural Traditions: Sacred Complex, Great Tradition and Little Tradition. Parochialization, Sanskritization, Westernization, Modernization, Urbanization & Industrialization,
- Unit IV - Symbolism in Indian Culture, Believe Pattern, Values and social behavioral changes

CC-204 Village Community & Community Development Programme (Credit-4)20X4=80

- Unit I- Meaning of community, Types of community organization, Evolution of village community, Structure and function of Indian villages.
- Unit II- Concept of village, Type of village, Characteristics of Indian villages.
- Unit III- Unity & diversity in village India, Anthropological studies of Indian villages. Contemporary village life and Changes in village community life
- Unit IV- Meaning of urban community Features of urban community, Impact of urbanization on village community. Village development programmes: Educational, Economic, and Health Issues

CC-205 PRACTICAL– Lectures 40 (20 Practical Classes) 100 Marks
Time- 6hrs

1. Typo-technological Analysis of Prehistoric tools: Manufacturing of Tools & Techniques of different lithic periods , The candidates shall draw to scale and describe technological implements of different economic stages They shall also be familiar with identification, labeling and drawing of prehistoric tools sketches and technological implements. 20+20=40 Marks
2. Museology and Museum Management: Structure and dimensions of Museum. The procedure of management of different museums. 20 Marks
3. The candidates shall preserve the organic and inorganic materials (wood, bamboo, leather, feather, fiber, books and manuscripts, iron, brass and copper) and shall be familiar, with procedure of a management and classification of specimens in anthropological museum. 20 Marks
4. Practical record and Viva-Voce 20 Marks

Home assignment (Project)

80Marks

- Unit I- Nature and scope of Applied Anthropology action anthropology, Tribal problems: Land Alienation, indebtedness, shifting cultivation.
- Unit II- Meaning of Forensic anthropology, Ergonomics. Role of Anthropology in Tribal Development
- Unit III- Genetic Counselling, Medical Anthropology, Gene Therapy
- Unit IV- Constitutional safeguard for scheduled caste & Scheduled Tribes and other backward classes in India Plans & programme for tribal development.

CC-303 Allied Elective-I Research methodology (Credit-4)20X4=80 Marks (Compulsory)

- Unit I - Meaning of Social Research, Types of Research, Objectives of Research.
- Unit II- Research design: Meaning of Research design, different Research designs
- Unit III- Need for Sampling, Important Sampling Distribution, Sample Size, Types of Sampling
- Unit IV- Methods of Data collection; Schedules, Questionnaires, Observation, Interview, PRA & RRA methods

CC-304 PRACTICAL (Credit-4) 100 Marks

(Osteometry, Craniometry, Mandibulometry, Somato-metry, Somato-scopy)

- | | |
|-------------------|----------|
| 1. Osteometry | 20marks |
| 2. Craniometry | 20Marks |
| 3. Mandibolometry | 10marks |
| 4. , Somatometry | 20marks |
| 5. Somatoscopy) | 10 marks |
| 6. Record | 10 marks |
| 7. Viva | 10marks |

CC-305P THEORY Social Statistics and Computation of Data Analysis 50 Marks

Core Elective-II

- | | | |
|------------|--|-----|
| Unit – I | Measurements of Central Tendency:
Arithmetic Mean: Different type of calculation Median, Mode | -12 |
| Unit – II | Measurement of Dispersion
Standard Deviation, co-efficient of variation | -12 |
| Unit – III | Test of significance Chi – square test and ‘t’ test | -12 |
| Unit – IV | Summarization of Data : qualitative and quantitative | -14 |

PROJECT

Practical (COMMUNITY STUDY)

50Marks

Students should prepare a short Report on the studies of burning problems and issues relating to Rural and Tribal community life under guidance of a faculty and submit 40 Marks

VIVA-VOCE

10 Marks

INTERNAL ASSESSMENT- 301,302,303

20x3=

60 Marks

Books for References:

R.R.Das- Statistics

P.V. Young Scientific Social Survey & Research

- D.H. Elhance- Elementary Statistics

Seltiz, Jahoda, Deursch Cook- Research Methodology

Moser C A- Survey Methods in Social Investigation

Junker, B- Field Work

Merton R.K.- Social Theory and Social Structure

SEMESTER -IV

SPECIAL PAPER FROM ANY ONE OF THE STREAMS- Group-A/Group-B

Special Paper Group - A

IV Semester - Advance Socio-Cultural Anthropology

500 Marks

Theory (Each Class 1 hour) 100 marks (Mid Sem 20+End Sem 80) Lectures:60

THEORY

Time- 3hrs

CC- 401 Rethinking in Socio-Cultural Anthropology (Credit-4)20X4=80 Marks

Unit I - Evolutionism: Spencer, Morgan, Tylor, Neo-evolutionism- Leslie White, Julian Steward, V.Gorden Childe

Unit II - Diffusionism: American, British and German Diffusionist

Unit III - Structuralism, Functionism and Structure-Functionism- C.Levistruss, B.K. Malinowski, A.R.Redcliffe Brown

Unit IV - Rethinking in Social Anthropology - Raymond Firth, E.R Leach, S.F Nadel, Max Gluckman, C. Levi Strauss

CC-402 Contributions of Indian Culture Studies (Credit-4)20X4=80 Marks

- Unit I - Indian Socio-Cultural life retrospective and prospective. Dimensions of Indian Culture & diversities
- Unit II - Indian Rural Studies
Redfield, L.P Vidyarthi, M.N Srinivas, Mckim Marriot, S.C Dube,S.CRoy
- Unit III - Indian Tribal Studies
Milton Singer, Mories E. Opler, S.C Roy, D.N Majumdar
- Unit IV - Indian Urban Studies
Emerging Urban Trends and Urbanization, Urban Dynamics, Urban Societies and Culture, Changing life style & problem

Core Elective-403 Human Nature & Personality Studies (Credit-4)20X4=80 Marks

CE-03

- Unit I - Psychological determinants of human nature & Personality: Basic Personality and Modal personality
- Unit II - Psychodynamics on the study of Culture & Society, Patterns of Culture, Configuration of Culture and cultural relativism
- Unit III - National Character, Cultural Interpretation and Social Change: Contribution in National Character Studies, Nature of Cultural Interpretation in India, Nature & Features of Social Change , Globalization
- Unit IV - Symbolism of Culture: Cultural Values, Beliefs, Morals and Etics & Emics, Language & Culture, Socio-linguistics, Human Behavioral Changes & Identification.

CC-404P Practical DISSERTATION (Credit-4)100 Marks

Students should prepare a Dissertation on a community life (Tribal/Rural), conducting a Field Work for 30 Days under supervision of a faculty member. The topics and guidance of the supervisor should be approved by the Head of the department. The student has to submit a synopsis followed by a presentation before the departmental research committee before final presentation of dissertation for examination.

Dissertation	60 Marks
Presentation	20 Marks
Via-Voce	20 Marks

CC-405P PROJECT

Core Elective-IV-

Lectures 40 (20 Practical Classes)

100 Marks Time- 6hrs

(Demographic Profile & Socio economic study of a Community & Presentation of data- PPT & VV)

Community Study and Computation of Data Analysis,

(Demographic profile of a community)

60 Marks

Presentation (Seminar paper/ Power Point) +VV (20+20)

40 Marks

HOME ASSIGNMENT

60 Marks

SEMESTER -IV

SPECIAL PAPER FROM ANY ONE OF THE STREAMS- Group-A/Group-B

Special Paper Group – B

IV Semester -

Advance Biological Anthropology

500 Marks

**Theory (Each Class 1 hour) 100 marks (Mid Sem 20+End Sem 80) Lectures:60
THEORY**

Time- 3hrs

Core-I

CC-401 Human Origen, Evolution and Human Variation(Credit-4)20X4=80 Marks

Unit I - The concept of Evolution and Human Variation. Stages of Human Evolution in Different Geological

time Evolution of Homosapiens

Unit II - Forces of evolution and Adoption of man to various ecological factors (Attitude, Nutrition, Temperature) Forces of evolution, variation and its components, Factors and causes of variation

Unit III - Methods of studying human heredity, Pedigree study, twin study, biometry, genetic variation among Indian Population. A critical appraisal of contribution of Risley, Guha, Ricksett and Sarkar.Racial division.

Unit IV - Mendelian |principle of Human variation, application of Mendelian inheritance on human

population, Neo-Darwinism, Modern synthetic theory.

Core-II

CC-402 Human Genetics (Credit-4)20X4=80 Marks

- Unit I - Human Cell, Study on Chromosome: Detail Structure and function of DNA and RNA, DNA replication
- Unit II - Chromosomal aberration, Linkage and crossing over, Sex Linked and sex limited inheritance, Lethal and Sub lethal alleles Medico legal application of Genetics, Genetic counseling..
- Unit III - Autosomal inheritance: Dominant and recessive inheritance. Genetic mapping. Gene Therapy
- Unit IV - The Genetics of Behavior, Genes Constitute to most behavioral traits. Eating disorders, sleeping disorders, intelligences, drug addiction, and mood disorder, Schizophrenia, chronic diseases, malnutrition.

Core Elective-III

CC-403 HumanGrowth and Development (Credit-4)20X4=80 Marks

- Unit I - Human growth and development, Human growth: Stages of growth, Basic Principals of Development, Factors affecting growth.
- Unit II - Development of individual: Pre natal, Post natal, adolescent and ageing. Normal growth curve, abnormal growth.
- Unit III - Inheritance of abnormal traits, brachyductly, syndacity, haemophilia, thalassemia, malnutrition Human physique and somatotype
- Unit IV - Methodology for growth studies. Bio-cultural factors (genetic, social and ecological factors) influencing pattern of growth and variation.

CC-404 PRACTICAL Dissertation (Credit-4)100 Marks

(On the basis of Community Study and Lab Analysis of Data)

Students should prepare a Dissertation on a community life (Tribal/Rural), conducting a Field Work for 30 Days under supervision of a faculty member. The topics and guidance of the supervisor should be approved by the Head of the department. The student has to submit a synopsis followed by a presentation before the departmental research committee before final presentation of dissertation for examination.

HOME ASSIGNMENT

80 Marks

- Dissertation 60 Marks
- Presentation 20 Marks
- Via-Voce 20 Marks

CC-405P PROJECT

Core Elective-IV-

Lectures 40 (20 Practical Classes)

100 Marks Time- 6hrs

(Demographic Profile & Socio economic study of a Community & Presentation of data- PPT & VV)

Community Study and Computation of Data Analysis,

(Demographic profile of a community)

60 Marks

Presentation (Seminar paper/ Power Point) +VV (20+20)

40 Marks

HOME ASSIGNMENT

60 Marks

Books for Reference

1. Buras G.N – Science of Genetics: An Introduction to Heredity
2. Gates, R.R - Human Genetics Vol I & II
3. Grow and Kinura – An Introduction to Population Genetics Theory
4. Stern.C - Principles of Human Genetics
5. Shull and Neel J.V - Human Heredity
6. Harrison G.A Banninet - Weiner, J.S Turner - Human Biology
7. Periasamy.K- An Introduction of Cytology, Genetics and Evolution
8. Clellrgg,E.J - An Introduction to Biology.
9. J.Janusch (Ed) - Evolutionary and Genetic Behavior and Biology of Primates.
