M.Phil. Syllabus Department of Anthropology

University of North Bengal

Darjeeling

Structure and Division of Marks for M.Phil. in Anthropology (UGC Regulations 2016)

First Semester Total: 8 Credits (200 Marks)

Core Course (101 - 103)

Course: 101 Research Methods Course 101 A: Research Methodology-I Course 101 B: Research Methodology-II

Course: 102 Literature review and Practical Course 102 A: Review of Literature Course 102 B: Computer Applications (Practical)

Course: 103 Term paper and Seminar Course 103A: Term Paper Course 103B: Seminar Presentation

Elective Course (104 OR 105)

Elective Course: 104 Social Cultural Anthropology Course 104A: Concepts and Theories in Anthropology - I Course 104B: Concepts and Theories in Anthropology - II

Elective Course: 105 Physical Anthropology Course 105A: Concepts in Physical Anthropology - I Course 105B: Concepts in Physical Anthropology - II

Note: All students are to take all Core Courses (Course 101 – 103) and one Elective Course (Elective Course 104 or Elective Course 105).

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Total Credit: 2 (50 Marks) 1 Credit (25 Marks) 1 Credit (25 Marks))

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Total Credit: 2 (50 Marks) 1 Credit (25 Marks) 1 Credit (25 Marks)

Total Credit: 2 (50 Marks) 1 Credit (25 Marks) 1 Credit (25 Marks)

Second Semester Total: 8 Credits (200 Marks)

Core Course (201)

Course: 201 General Anthropology

Course: 201 A Social Cultural Anthropology Social Institution and Social Structure Culture, Evolution and recent trends in Archaeology

Course: 201 B Physical Anthropology Primatology Human Evolution

Elective Course (202 OR 203)

Course: 202 Social Cultural Anthropology Course 202 A Indian Tribe and Contemporary Social Issues Course 202 B Contribution of Social and Cultural Anthropologist

Course: 203 Physical Anthropology Course 203A Human Growth and Nutrition Course 203B Human Genetics Total Credit: 4 (100 Marks) 2 Credit (50 Marks) 2 Credit (50 Marks)

Total Credit: 4 (100 Marks)

Total Credit: 2 (50 Marks)

Total Credit: 2 (50 Marks)

1 Credit (25 Marks)

1 Credit (25 Marks)

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1 Credit (25 Marks)

Total Credit: 4 (100 Marks) 2 Credit (50 Marks) 2 Credit (50 Marks)

Third Semester Total: 8 Credits (200 Marks) <u>Core Course (301-304)</u>

Course: 301 Formulating a Project Proposal

Course: 302 Seminar Presentation

Course: 303 Term paper

Course: 304 Group discussion

Total Credit: 2 (50 Marks)

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Fourth Semester Total: 8 Credits (200 Marks) <u>Core Course (401)</u>

Course 401 Dissertation Course 401A Dissertation write-up Course 401B Viva Voce

Total Credit: 8 (200 Marks) 6 credits (150 marks) 2 credits (50 marks)

Syllabus details for M.Phil. in Anthropology

First Semester Total: 8 Credits (200 Marks)

<u>Core Course (101 - 103)</u>

Course: 101 Research Methods

Total Credit: 2 (50 Marks)

1 Credit (25 Marks)

1 Credit (25 Marks)

Course 101 A Research Methodology-I

Field work traditions in Anthropology

Research methods in Social Anthropology (a) Aims, objectives and steps. (b) Theories, facts and their relations. (c) Comparison, generalization and interpretation. (d) Research design. (e) Hypothesis.

Approaches and type of Social Researches: (a) Comparative-synchronic diachronic, ideographic and nomothetic, etic and emic. (b) Descriptive and analytical, (c) Qualitative and quantitative. (d) Micro and macro, (e) Basic, applied, action and participatory.

Tools, techniques and methods of data collection: Social survey-use of (a) schedules, questionnaires, (b) Interview, key informants interview, case study, genealogy group discussion observation PRA and RRA, cross-cultural studies, focus-interview method.

Methods in Prehistoric Archaeology: Exploration, Excavation, Surface collection.

Course 101 B Research Methodology-II

Methods of studying Heredity in man: Twin method- twining, diagnosis of zygosity, heritability estimates; Pedigree method.

Introduction to Statistics: Basic definition and concepts- theory and hypothesis, validity and reliability, variables and constants, independent and dependent variables, qualitative, quantitative variables.

Sampling: Definition, uses and types

Classification and field documentation in Prehistory

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Selected Readings

Coehran, W.G. 1953: Sampling techniques. New York: John Wiley & Sons. Epstein, A.L. (ed.) 1967: The Craft of Social Anthropology. London: Partel Tavistock Publication, Goode, W.J. and Hatt, P. 1952. Methods in Social Research, New York: McGraw Hill. Kothari, C. K. 2000. Research Methodology: Methods and Techniques. New Delhi: Vishwa Prakashan. Pelto, P.J. Anthropological Research Method. Pelto Perti, J. Pelto and Getel, H ..: Anthropological Research: The Structure of Inquiry. Pvt. Ltd. Radcliffe- Brown, A. R. 1958. Methods in Social Anthropology. Chicago: University of Chicago

Press. Sinha, S.C. (ed.) 1978: Field studies on the people of India; Calcutta: Indian Anthropological Society.

Young, P.V. 1966. Scientific Social Surveys and Research. New Delhi: Prentice Hall of India.

Course: 102 Literature review and Practical

Course 102 A Review of Literature

The review should cover books, journals, previous thesis and dissertation material. The candidate will review an area of his/her choice, prepare and submit a Course on that for evolution.

Course 102 B Computer Applications (Practical)

Simple computer applications Writing, editing in MS Word Preparing power point presentations Biostatistics: correlation, regression, t-test, analysis of variance using statistical software.

Course: 103 Term paper and Seminar

Course 103A Term Paper 1 Credit (25 Marks) The candidate shall submit a term Course on a topic of his/her choice for evaluation.

Course 103B Seminar Presentation 1 Credit (25 Marks) The candidate shall present a seminar Course on a topic of his/her choice for evaluation.

Elective Course (104 OR 105)

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Elective Course: 104 Social Cultural Anthropology

Course 104A: Concepts and Theories in Anthropology - I Schools of diffusionism and evolutionism. Structural and functional school of thoughts.

Course 104B: Concepts and Theories in Anthropology - II Personality School of Thought Contributions of Robert Redfield, Milton Singer and N.K. Bose. Total Credit: 2 (50 Marks)

1 Credit (25 Marks)

1 Credit (25 Marks)

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Total Credit: 2 (50 Marks)

Total Credit: 2 (50 Marks)

1 Credit (25 Marks)

1 Credit (25 Marks)

Selected Readings

Benedict, R. 1934. Patterns of Culture. New York: Houghton Mifflin. Benedict, R. 1946. The Chrysanthemum and the Sword. Boston: Houghton Mifflin. Bose, N. K. (ed.) 1961. Peasant life in India. Calcutta: ASI. Bose, N.K. (Translated by A. Beteille) 1975: The Structure of Hindu Society. Calcutta. Bose, N.K. 1961. Cultural Anthropology. Bombay: Asia Publishing House. Bose, N.K. 1967. Problems of National Integration. Simla: Indian Institute of Advanced Study, Harris, M. 1979. Rise of Anthropological theories. London: Routledge & Kegan Paul. Herskovits, M.J. 1958. Cultural Anthropology. Oxford. Honigmann, J.J. 1973. Handbook of Social and Cultural Anthropology, Chicago: Rand McNally and Co. Kroebar, A. 1923. Anthropology. New York: Harcourt, Brace. Levi-Strauss, C.1963. Structural Anthropology. New York: Basic Book Linton, R. 1945. The Cultural Background of Personality. New York: Appleton. Malinowski, B. 1922. Argonauts of Western Pacific. New York, Dutton. Malinowski, B. 1980. A Scientific Theory of Culture and other Essays; New York: Oxford University Press. Mead, M. 1928. Coming of Age in Samoa. New York: Morrow. Mead, M. 1930. Growing up in New Guinea. New York: Blue Ribbon. Mead, M. 1955. Cultural Patterns and Technical Change. New York: Mentor. Radcliffe- Brown, A. R. 1922. The Andaman Islanders. Cambridge : Cambridge University press. Radcliffe-Brown, A. R. 1776. Structure and function in Primitive Societies. London: Routledge and Kegan Paul. Redfield, R. 1941 The Folk Culture of Yukatan. Chicago: Chicago University Press. Redfield, R. 1955 The Little Community: View Point for the Study of Human Whole. Chicago: Chicago University Press. Redfield, R. 1956. Peasant Society and Culture. Chicago: Chicago University Press. Singer, M. 1972 When a Great tradition Modernises. Chicago: Chicago University Press. Singer, M. 1975 Traditional India: Structure and Change. Chicago: Chicago University Press. Upadhyay, V.S. and Pandey, G. 1993. History of Anthropological Thought. New Delhi: Concept Publishing Copany.

Elective Course: 105 Physical Anthropology

Total Credit: 2 (50 Marks)

Course 105A Concepts in Physical Anthropology - I 1 Credit (25 Marks) Application of Biological Anthropology: Forensic Anthropology, genetic counseling, genetic screening, Human Genome Project; mtDNA, aDNA Human evolution, origins of bipedalism, theories of human evolution Primate studies

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Course 105B Concepts in Physical Anthropology - II Health and Nutritional Status

Community nutrition and health,

1 Credit (25 Marks)

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Trace elements in physical anthropology, biomarkers

Selected Readings

Klepinger, L.L. 2006. Fundamental of Forensic Anthropology. New York: Wiley-Liss. Conroy, G.C. 1997. Reconstructing of Human Origin- A Modern Synthesis. New York: W.W. Norton. Marieb, E.N. 2006. Human Anatomy and Physiology. Delhi: Pearson. Bogin, B. 1999. Pattern of Human Growth. Cambridge: Cambridge. Mascie-Taylor C.G. Nicholas and Lasker Gabriel W. 1991. Applications of Biological Anthropology to Human Affairs. Cambridge.

> Second Semester Total: 8 Credits (200 Marks) Core Course (201)

Course: 201 General Anthropology

Course: 201 A Social Cultural Anthropology

Social Institution and Social Structure

Marriage, Family, and Kinship: Contemporary changes Caste and its changing dimensions Concept of social structure by Radcliffe-Brown and Levi-Strauss Post structuralism and Post modernism

Total Credit: 4 (100 Marks)

Total Credit: 2 (50 Marks)

1 Credit (25 Marks)

1 Credit (25 Marks)

Culture, Evolution and recent trends in Archaeology

Meaning, concept and definition of culture; characteristic features of culture, aspects, traits, complex, language and society Concept of Classical, Neo-evolutionary, Unilinear and Multilinear evolution Ethno-archaeology, New Archaeology and Experimental Archaeology

Selected Readings

Clive Gamble. 2008. Archaeology: The Basics. Routledge Colin R., Bahn P. 2005. Archaeology: The Key concept. Routledge Dube, Leela. 1974. Sociology of Kinship: An analytical survey of literature Ember Carol R, Ember Melvin and Peregrine PeterN. 2001. Anthropology. Delhi: Pearson Education Harris M. 1979. Rise of Anthropological Theories, London.: Routledge and Kegan Paul Itd. Haviland, A.W.1996. Cultural Anthropology. New York: Harcourt Brace College Publishers. Honigman, J.J. 1973. Handbook of Social and Cultural Anthropology. Chicago: Rand McNally and Co., Kroeber, A. 1923. Anthropology. New York: Harcourt Brace

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Kroeber, A.L. (et al.) 1953. Anthropology Today. Chicago: University of Chicago Press

Levi-Strauss, C.1963. Structural Anthropology, New York: Basic Book

Murdock, G.P. 1949. Social Structure. New York

Radcliffe-Brown, A.R. 1776. Structure and function in Primitive Societies. London: Routledge and Kegan Paul

Radcliffe-Brown, A.R. 1922. The Andaman Islanders. Cambridge: Cambridge University Press Srinivas M.N. 1986. India: Social Structure. Delhi: Hindustan

Tylor E.B. 1881. An Introduction to the Study of Man and Civilization. New York: D. Appleton.

Upadhyay, V.S. and Pandey, G. 1993. History of Anthropological Thaought. Concept Publishing Copany, New Delhi.

Course: 201 B Physical Anthropology Primatology

Total Credit: 2 (50 Marks) 1 Credit (25 Marks)

Primate Morphology, Diversity, and Taxonomy.

Primate mating strategies; social org; species area curves; community richness.

Primate Communicative and Cognitive Behavior

Dominance, Aggression and Infanticide

Primate Conservation - Pressure, Policies, and Prospects

Chimpanzee biology; Conservation

Studies in Indian langurs and macaca

Selected Readings

Nelson H, Jurmain R. 1985. Introduction to Physical Anthropology. San Francisco: West Publishing Company.

Campbell BJ. 1985. Human Evolution: An Introduction to Man's Adaptations. Ney York: Aldine.

Campbell CJ, Bearder S, Agustin F. (eds.) 2006. Primates in Perspective. London Oxford University Press.

Conroy GC. 1997. Reconstructing Human Origins ---- A Modern Synthesis. New York: W.W.Norton and Company.

Day MH. 1986. Guide to Fossil Man. Chicago: University of Chicago Press,

Jurmain R, Nelson H, Kilgore L, Trevathan W. 1999. Introduction to Physical Anthropology. Belmont: Wadsworth.

Human Evolution

1 Credit (25 Marks)

Homo erectus: History of Discoveries, General Characteristics Homo heidelbergensis: General Characteristics, Evidence for Hunting, Culture and Society The Neandertals: Anatomical Characteristics, Distribution, Cultural Developments The Evolution of Modern Humans, Anatomically Modern Homo Sapiens Lithic Technologies and Sequences Regional-Continuity vs. Rapid-Replacement Models

Selected Readings

Conroy GC. 1990. Primate Evolution. New York: Norton.

Head

Delson. E, Tattersall I, Couvering JV (eds.) 2000. Encyclopedia of Human Evolution and Prehistory. New York: Taylor and Francis.

Ember CR, Ember M. Peregrine PN. 2006. Anthropology. Delhi: Pearson Education.

Jurmain R, Nelson H, Kilgore L, Trevathan W. Introduction to Physical Anthropology. 1999. Belmont: Wadsworth.

Leakey R. 1994. The Origin of Humankind. New York: Basic Books.

Nelson H, Jurmain R. 1985. Introduction to Physical Anthropology. San Francisco: West Publishing Company.

Peregrine PN, Ember CR, Ember M. (eds.) 2002. *Physical Anthropology: Original Readings in Method and Practice*. New Jersey: Prentice-Hall.

Tobias, PV. 1969. The Brain in Hominid Evolution. New York: Columbia University Press.

Elective Course (202 OR 203)

Course: 202 Social Cultural Anthropology

Total Credit: 4 (100 Marks)

Course 202 A Indian Tribe and Contemporary Social Issues

2 Credit (50 Marks)

Tribes of India: Social Structure and Organization, Material culture and religious life Tribal Issues and concerns – Forest, land and water; economy, education, health and politics Indigenous rights, identity and tribal security

Gender and violence

Environmental issues and concerns

Issues in healthcare system

Selected Readings

Ahuja, Ram. 1999. Society in India: concepts, theories and changing trends. Rawat: New Delhi Bose, N.K.1971. Tribal Life in India. New Delhi, National Book Trust.

Chaudhuri, B. 1982. Tribal Development in India: Problems and prospects. New Delhi: Inter India, Publications.

Chaudhuri, B. & A. K. Maiti (eds.) (1989), Forest and Forest Development in India. New Delhi: Inter India Publications.

Chaudhuri, B. 1990. Culture and Environmental Dimension on Health. New Delhi: Inter India Publications.

Chaudhuri, B. 2003 Health, Forest and Development: The Tribal Situation, New Delhi: Inter India Publication.

Forde, C. Daryll. 1971, Habitat, Economy and Society. London: Methuen & Co. Ltd.

Gadgil, M. & R.Guha, 2007, The Use and Abuse of Nature. New Delhi: Oxford University Press.

Guha, R. 2006, Social Ecology. New Delhi: Oxford University Press.

Hahn, Robert A. 1995 Sickness and Healing: An Anthropological Perspective. New Haven, CT: Yale University Press.

Marriott, Mackim 1955 Western Medicine in the Village of North India, *Health Culture and Community*, edited by B.D. Paul, New York: Rossel Sage Foundation, pp: 239-268.

Moore, R. 1975, Man in the Environment. New York: Alfred A. Knope.

Sachidananda and R.P. Sinha. 1984. Women's Rights: Myth and Reality. Jaipur.

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Singh, A.P., A.K. Singh, Biswas S.K (eds.). 2013. Care and Protection of Girl Children in India: Status, Emerging Issues, Challenges and Way Forward. New Delhi: Bal Vikas Prakashan Pvt. Ltd. Vidyarthi, L.P. and B.K. Rai. 1985. The tribal culture of India. New Delhi: Concept Pub. Company. Wissler, C. 1926. The Relation of Nature to Man in Aboriginal America. New York: Oxford University press.

Course 202 B Contribution of Social and Cultural Anthropologist

2 Credit (50 Marks)

S.C. Roy, D.N.Majumdar, L.P. Vidyarthi, M. N. Srinivas, N.K. Bose, S.C. Sinha, T. C. Das, Verrier Elwin, M.N. Basu, B.K. Roy Burman, Radcliffe-Brown, B. Malinowski, Levi-Strauss, Raymond Firth, Robert Redfield, Milton Singer, McKim Marriott, Margaret Mead, Ruth Benedict

Selected Readings

Firth, R. 1921. Elements of Social Organization. London: Tavistock Publication
Majumder, D.N. 1946. Races and Cultures of India. Allahbad: KItabistan
Srinivas M. N. 1952 Religion and Society among Coorgs of South India, Bombay: Asia Publishing House
Vidyarthi, L.P. and B.K. Rai 1985. The tribal culture of India. New Delhi: Concept Publ. Company.
Malinowski, B. 1980. A Scientific Theory of Culture and other Essays; New York: Oxford University
Press.

Course: 203 Physical Anthropology Course 203A Human Growth and Nutrition

Total Credit: 4 (100 Marks) 2 Credit (50 Marks)

Stages of growth – pre-natal, natal, infant, childhood, adolescence, maturity, senescence. Factors affecting growth and development genetic, environmental, biochemical, nutritional, cultural and socio-economic.

Ageing and senescence. Theories and observations - biological and chronological longevity.

Human physique and somatotypes. Methodologies for growth studies.

Growth references: NCHS and WHO-MRGS

Food as source of nutrients, functions of food, definition of nutrition, nutrients & energy, adequate, optimum & good nutrition, malnutrition.

Minerals - macro & micronutrients. - functions, sources. Bioavailability and deficiency of Calcium, Iron, Iodine, Sodium & Potassium (in very brief)

Vitamins (water & fat soluble) - definition, classification & functions.

Nutritional disorders- Epidemiology, clinical features, prevention and dietary treatment for Protein Energy malnutrition, nutritional anaemias & vitmain deficiency disorders

Diet surveys and anthropometric.

Various nutrition related welfare programmes, ICDS, SLP, MOM, and others (in brief).

Community nutrition programme planning - Identification of problem, analysis of causes, resources constraints, selection of interventions, setting a strategy, implementations and evaluation of the programme.

Selected Readings

Chatterjee, C.C. 1997, Human Physiology, Calentta; Medical Allied Agency Singh IP and Bhasin MK 2004. *A Manual of Physical Anthropology*. New Delhi: Kamla-Raj

Ent.

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Tanner JM 1990. Foetus into Man: Physical Growth from Conception to Maturity. Harvard: Harvard University Press.

Wardlaw GM, Insel PM. 1996. Perspectives in Nutrition. Boston: Mosby.

Harrison GA, Weiner JS, Tanner JM, Barnicot NA. 1964. Human Biology: an Introduction to

Human Evolution, Variation and Growth. London: Oxford University Press.

Marieb EN. 2006. Human Anatomy and Physiology. Delhi: Pearson Education.

Rennert OM, Chan WY, Chan W (eds.). 1984. Metabolism of Trace Metals in Man: Genetic Implications. Boca Raton: CRC Press.

Roche, A. F. 1992, Growth, Malnutrition and Body Composition, Cambridge: Cambridge University Press.

Wardlaw GM, Insel PM. 1996. Perspectives in Nutrition. Boston: Mosby.

Course 203B Human Genetics

2 Credit (50 Marks)

Methods for study of genetic principles in man-family study (pedigree analysis, twin study, foster child, co-twin method, cytogenetic method, chromosomal and karyo-type analysis), biochemical methods, immunological methods, D.N.A. technology and recombinant technologies.

Sex chromosomal aberrations – Klinefelter (XXY), Turner (XO), Super female (XXX), intersex and other syndromic disorders.

Autosomal aberrations - Down syndrome, Patau, Edward and Cri-du-chat syndromes.

Genetic imprints in human disease, genetic screening, genetic counseling.

Selected Readings

Barua Saumitra 2002. Human Genetics: An Anthropological Perspective. Kolkata: Classique Books.

Shukla B.R.K. & Rastogi S. 1991. Physical anthropology and human genetics- An introduction. Delhi.

Gardner Eldon John, Simmons Michale J and Snustad D Peter 1991. Principles of Genetics .New York: John Willey & Sons.

Harper, P. S. 1998, Practical Genetic Counseling, Oxford: Butter worth Heinemann.

Klug WS and Cummings MR 1999. Essentials of Genetics New Jersy: Prentice Hall.

Lewis Richi 2003. Human Genetics: Concepts and Applications Boston: WCB McGraw Hill.

Harrison GA, Weiner JS, Tanner JM, Barnicot NA. 1964. Human Biology: an Introduction to Human Evolution, Variation and Growth. London: Oxford University Press.

Marieb EN. 2006. Human Anatomy and Physiology. Delhi: Pearson Education.

Moran EF. 2007. Human Adaptability an Introduction to Ecological Anthropology. Colorado: Westview Press.

Thompson, J. S. and Thompson, M. W. 1968, Genetics in Medicine, Philadelphia: W. B. Saunders. Vogel, F. and Motulsky, A. G., 1986. Human Genetics: Problems and Approaches, Berlin: Springer Verlag.

Third Semester Total: 8 Credits (200 Marks) <u>Core Course (301-304)</u>

Course: 301 Formulating a Project Proposal

Course: 302 Seminar Presentation

Course: 303 Term paper

Course: 304 Group discussion

Total Credit: 2 (50 Marks) Total Credit: 2 (50 Marks) Total Credit: 2 (50 Marks) Total Credit: 2 (50 Marks)

Fourth Semester Total: 8 Credits (200 Marks) <u>Core Course (401)</u>

Course: 401 Dissertation Course 401A Dissertation write-up Course 401B Viva Voce Total Credit: 8 (200 Marks) 6 credits (150 marks) 2 credits (50 marks)

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