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LBS Centre for Science & Technology

# Paper II

# **Subjects**

- 21. Mathematics
- 22. Music

- 26. Psychology
- 27. Russian
- 28. Sanskrit
- 29. Social Work
- 30. Sociology
- 01. Anthroplogy

# Unit I Social and Cultural Anthropology

## Module 1. Meaning and scope of social and cultural anthropology

- Social-Cultural Anthropology: Nature, Scope • and Subject matter.
- Branches of Anthropology.
- Relation with other Social Sciences -Economics, History, Sociology, Psychology, Archaeology, Linguistics, etc.
- Emerging trends and specializations in Anthropology.
- Uniqueness and Perspectives • in Anthropology - Holism and Fieldwork.

# Module 2. Basic concepts

- Culture, Society and Community •
- Institution, Group and Association •
- Social structure and Social Organization
- Status and Role

### Module 3. Nature and Configuration of Culture

- Culture- Explicit and Implicit, Structure, • Attributes and paradoxes
- Culture Processes-Enculturation, Acculturation, Diffusion, Cultural Pluralism

Culture Perspectives: Ethnocentrism, Cultural Relativism, Emic and Etic.

31. Statistics

32. Syriac

33. Tamil

34. Urdu

35. Zoology

## Module 4. Family

- Concept, definitions, functions and universality; Family and household
- Typology of family nuclear, joint, extended and others.
- Residence patterns -matrilocal, patrilocal, neolocal, bilocal and others.
- Stages of development of the family
- Joint family system in India; changing trends in family.

# Module 5. Marriage

- Possibility of a universal definition.
- Forms and types of marriage. •
- Marriage regulations: Incest, Exogamy, Endogamy, Hypergamy and Hypogamy.
- Marriage payments- Dowry and Bride price; • Wealth and its relation to marriage stability.
  - Mate Selection- Cross cultural perspectives.

### Module 6. Kinship

- Concept of Kinship and its place in Social ٠ structure.
- Kinship system- Classificatory and Descriptive.
- Rules of descent and residence.
- Kin groups Lineage, Clan, Phratry, Moiety and Tribe.
- Kinship Behaviour- Joking and avoidance behaviour, Couvade.



- 23. Philosophy
- 24. Physics
- 25. Political Science

- 20. Malayalam
- 15. Home Science 16. Islamic History 17. Journalism 18. Kannada
- 19. Latin

11. Geology

12. German

13. Hindi

14. History

10. Geography

09. Gandhian Studies

01. Anthroplogy

02. Arabic

03. Botany

04. Chemistry

05. Commerce

06. Economics

07. English

08. French

• Kinship Terminology - Eskimo, Omaha, Hawaiian, Crow, Iroquois, Sudanese.

#### Module 7. Political Organization and Social Control

- Types of political organization, Concepts of power, authority and legitimacy.
- Patterns of leadership in simple societies: Band, tribe, age-grade, chiefdom, ranksocieties.
- Social control: Mechanisms of social control.
- Law and justice in simple societies; Customary and codified law.
- State and Stateless societies: The rise of State.

## Module 8. Social Stratification

- Principles and bases. Estate, Class and Caste
- Social stratification and mobility in and outside the caste
- Approaches to the study of social stratification in India functional and anthropological approach.

## Module 9. Religious Organization

- Anthropological approaches to the study of religion: Evolutionary, psychological, and functional.
- Ritual, Myth, Belief: Sacred and profane; sacred complex; religion and life-cycle rituals.
- Forms of religion in tribal and peasant societies- animism, animatism, naturism and totemism.
- Magico-religious functionaries: Priest, shaman, sorcerer, witch.
- Distinction between magic religion and science.

### Module 10. Economic Organization

- Tribal, peasant and other economies.
- Ownership and property concepts in simple societies
- Modes of exchange: Reciprocity, Distribution and Redistribution Kula Ring and Potlatch. Market economy.
- Hunting-gathering, pastoral, shifting cultivation, agricultural and industrial economies.
- Economic change and adaptation in societies.

# Unit II - Biological and Archaeological Anthropology

## Module 1. Meaning and scope of Biological Anthropology

- Concept, history, development and scope
- Important branches and its relation to other subfields of anthropology and medical sciences

#### Module 2. Man's place in the animal kingdom

- Principles of taxonomy
- Classification, distribution and features of living non-human primates (functional and adaptation significances)
- Anatomical comparison between human and non-human primates (with reference to erect posture and bipedalism)

#### Module 3. Introduction to human evolution

- Man as a primate
- Bio-cultural evolution of humans

#### Module 4. Theories of Organic evolution

- Historical overview of emergence of evolutionary thought
- Lamarckism and Neo-Lamarckism
- Darwinism and Neo Darwinism
- Mendalian laws of heredity
- Modern synthetic theory

### Module 5. Emergence of man-fossil evidence

- Pongids and Hominids
- Australopithecines
- Pithecanthropines (Homo erectus)
- Homo sapiens Neanderthalensis
- Homo sapiens sapiens

# Module 6. Biological Basis of Life, Heredity and Variation

- Cell structure and functions
- Cell divisions-mitosis and meiosis and genetic significance
- Importance of genetics in evolution and recent developments in human genome

#### Module 7. Human genetics - basic concepts and principles

- Chromosomes and genes
- Autosomal, dominant, recessive and Codominant
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- Sex linked, sex limited and sex influenced
- Multiple alleles and polygenic inheritance (ABO blood groups, colour blindness, albinism, brachydactyly, Alkaptonuria)

# Module 8. Concept of Race, ethnicity and populations

- Racial criteria and major divisions of man kind
- Concept of Racism
- Debate on ethnic groups and ethnicity
- Module 9. Biological anthropology in the service of human society
- Family welfare and genetic counseling

#### Module 10. Applications of Biological anthropology

• In Industry, medico-legal problems, defense services, public health and nutrition

# Unit III Indian Society and Culture

### Module 1. Culture, Society and Civilization

- Concepts of culture, society and civilization
- Theories of Civilisation's Emergence
- Hydraulic theory, Trade Networks theory, Environmental and Social Circumscription theory, and Religion theory
- Indian culture: tribal, folk, peasant and urban dimensions

# Module 2. Hindu religious and philosophical tradition

- Sacred books of India
- Indian social system: Purusharthas and Varnashramadharma
- Varna System, Caste System; Caste Fission, and Caste Fusion;
- Mobility in Caste System

### Module 3. Indian Education System

- Evolution of Indian education system: Pre-British, British and Post-independence
- Contemporary educational pattern
- Non-formal education.

#### Module 4. Composition of Indian Population

• Racial/ethnic elements and demographic composition of Indian population.

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• Linguistic diversity and language cultures of India.

#### Module 5. Social Disabilities

- The Problem of untouchability
- Social Reform Movements
- Sree Narayana Movement

# Module 6. Approaches to the study of Indian culture and civilization

- Folk-Urban Continuum
- Little and Great Traditions; Universalisation and Parochialisation
- Sacred Complex. Tribe-Caste Continuum. Nature-Man –Spirit Complex

#### Module 7. Processes of Social Change

- Modernisation, Industrialisation, Urbanization, Westernisation
- Sanskritisation; Concept of Dominant Caste; Pecuniarisation

#### Module 8. The Tribes of India

- Major Tribes of India and Tribes of Kerala
- Transformation of Tribes; Theories of transformation: Verrier Elwin to K.S Singh; Tribal movements.
- Tribal issues: Forest, land alienation, Indebtedness, Poverty, Illiteracy, Displacement.

# Module 9. Aesthetic and Creative Aspects of Indian Culture

- Introduction to aesthetic and creative aspects of Indian culture
- Architecture, Sculpture, Theatre, Folk art, Music, Dance, Indian Cinema

## Module 10. Changing Village India

- Changes in Indian Village Communities
- Study of a selected cultural region in India

# Unit IV

# Methodology of Anthropological Research

### Module 1. Science and Scientific Research

- Science, Objectivity, validity, testability
- Relation between theory and fact
- Social science, value, subjectivity, Inter subjective objectivity

• Social science research, Ethical, Experimental and Epistemological problems.

#### Module 2. Construction of Research Design

- Identification of broad area of research
- Review of literature, conceptual framing and concept mapping
- Formulation of research problem
- Hypotheses formulation
- Determination of sample frame and size
- The notion of control
- Construction of tools and techniques of data collection
- Mode of analysis and reporting

# Module 3. Fieldwork tradition in anthropology

- Fieldwork tradition in anthropology
- Restudy and Reinterpretation

# Module 4. Ethnographic approach in anthropological research

- Features of anthropological fieldwork
- Getting acquainted with the field
- Establishment of rapport
- Learning and using native language
- Informants/key informants
- Ethical dimensions of fieldwork
- Handling of sensitive and confidential information
- Distinction between Fieldwork and Survey
- Ethnography as a holistic documentation of culture

## Module 5. Basic Techniques of data collection I

- Interview-structured and non-structured, open ended, focus group interview and key informant interview
- Observation-participant, non-participant and quasi participant
- Genealogy-technique and application, Pedigree

## Module 6. Basic Techniques of data collection II

- Questionnaire and Schedule
- Case method
- Personal, official and historical documents and sacred texts.

#### Module 7. Quantitative analysis: Basic statistics

• Scrutiny and processing of data

- Classification, tabulation and presentation
- Frequency distribution, Graphs and Histograms
- Measures of central tendency, Mean, Mode, Median Measure of variation-Mean deviation and Standard deviation. Inter individual and Instrumental errors

#### Module 8. Qualitative analysis-Introduction

- Context based analysis
- Grounded theory approach
- Thematic analysis

# Module 9. Ethnographic approach in anthropology

- Contributions of Malinowski
- Ethnographic study of Toda of Nilgiris -Nature of data, Interpretation and functional integration

# Module 10. Preparation of Anthropological research report

• Structure, Steps and Procedure

# Unit V - Method and Theory in Socio-Cultural and Development Anthropology

#### Module 1. Introduction to Method and Theory

- Anthropological Studies before and after Cultural relativism
- Anthropological thought and Theoretical Development in Anthropology
- Schools of thought
- Relationship between Theory and Method

### Module 2. Evolutionism

- Meaning of evolution. Nineteenth century evolutionism and its basic assumptions
- Evolutionary school of thought
- The comparative method as used by the unilinear evolutionists

#### Module 3. Diffusionism

- Diffusionist School of Thought
- British and German- Austrian diffusionists and their main assumptions
- American distributionists

#### Module 4. Functionalism

- Malinowski's contributions to functionalism. Relevance of terms like manifest/ latent function and eufunction and dysfunction
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#### Module 5. Continuum

• Continuum of Robert Redfield and its turning point in anthropological studies

### Module 6. Structural Functionalism

- Structural functionalism
- Interrelation of function and structure: Radcliffe-Brown, Firth, Fortes and Nadel

# Module 7. Cultural Patterns and Culture and personality

- Ruth Benedicts Theory of Pattern
- Culture and personality: basic personality construct and model personality
- National character studies and studies of culture at a distance

#### Module 8. Structuralism

- Structuralism in linguistics and in socialcultural anthropology
- Social structure as model: views of Levi-Strauss and Edmund Leach
- Structural analysis of myth and alliance

#### Module 9. Post-structuralism

- Post-structuralism, Contributions of Jacques Derrida, Michel Foucault
- Ethno-science
- New Ethnography and Componential Analysis

#### Module 10.Development anthropology and early thoughts on development

- Meaning and scope of Development Anthropology
- Development planning; Agencies or development: Government, Non-government and Voluntary.
- Nehruvian approach to planning and Gandhiji's vision of rural development
- Constitutional Safeguards and Legislative measures
- Concepts of Inclusion and Exclusion

# Unit VI - Ecological, Medical and Economic Anthropology

#### Module 1. Ecological anthropology

- Meaning and Scope of Ecological anthropology
- Definition of ecology, Ecological community and Human ecological Niche
- Cultural ecology

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#### Module 2.Fundamental concepts and approaches

- Environmental determinism, Environmental Possibilism
- Population ecology, System ecology, Ethnoecology
- Contribution of Wissler, Forde, Steward, Vayda and Rappaport

#### Module 3. Medical anthropology

- Meaning and Scope of Medical anthropology
- Concept of health and disease in India-tribal, rural urban; Socio-cultural dimensions of illness.
- Ethnomedicine: Culturally appropriate medicine and health education. Regional variation in India.Magico-religious curative practices and indigenous medical care services

#### Module 4. Health and Society

- Health care system and Health care services; Heath education
- Psycho-somatic and mental disorders

# Module 5. Applications of medical anthropology

• Application of anthropological knowledge in promoting health care in tribal and rural communities. Programme, promotion and changing health behavior

#### Module 6. Economic Anthropology

- Meaning and scope of economic anthropology
- Approaches to economic anthropology

#### Module 7. Economic theories

- Fundamentals of modern economic theories and their relevance to non-market economies: formalist – substantivist controversy
- Marxist theories on economy and society

#### Module 8. Habitat, Economy and Society

- Hunting, food gathering
- pastoralism
- Shifting (Sweden) cultivation
- Peasantry and urban-industrial economy

#### Module 9. Exchange and Service

- Barter, ceremonial exchange, reciprocity, redistribution (Gift, Potlatch, Kula ring)
- Jajmani System

- Consumption pattern in subsistence economies.
- Wealth status and social differentiation

# Module 10. Organization of Subsistence production

- Division of work: age, sex, specialization
- Property relations: right in resources
- Technology, capital, savings and investment

# 02. Arabic

## Unit I - Arabic Prose

# Module 1. Muallaqath and Poets of Muallaqath (المعلقات وأصحابها)

 Imrul qais, Zuhair bin Abee Sulma, Labeed bin Rabeeh (Detailed study)

# Module 2. Poets of Prophet and Muhalramoon

- (الشعراء المغضرمون وشعراء النبي صلى الله عليه وسلم)
- (Abdulla bin Rawaha, Hassanu bin Sabith, Alkhanzah, Kahab bin Zuhair)

#### Module 3. Umayath period

- Nakayiz and Poets, Jareer, Farazdaq, Akthal, (التقامن و أصحابها)
- Umaru bin Abee Rabeeha

#### Module 4. Abaasid Period

- Poets and new Poetic forms (Gilmaniyath, Zuhdiyath, Khamriyath)
- (Bashar bin burd, abulathahiyyath, Abu nuwas, Muthanabbi)
- Hamasath(Abu thammam, Buhthuri)
- Muvashahath (Ibnu Zaidoon)

#### Module 5. Modern Period

- Shihab Ganim, Mahmood Darvesh, Nizar Qabbani, Adonis, Nizkaal Malika, Saleem Rumaidi
- Mahmood Sami Albaroodi, Ahmad Shauqi, Hafiz Ibraheem, Jameel Sidqi zahawi, Ma'roof Rusafi

#### Unit II

#### Arabic prose

#### Module 1

 Al Hikamu val Amsal, Al Wasaya, AlKhuthubath in pre islamic period, Qussu bin Saida, Sahban wail

#### Module 2. Islamic & Umayyath

Khathab) Nahjul Balagath

 Quran, Hadith, Compilation of Quran &Hadith, Speehes (Aboobakar, Aliyyubin Abu thalib, Hajjaj bin Yusuf Assaqafi, Umer bin

#### Module 3.

- Thafseer and authors (التفاسيرو المفسرون) , Sihahu sitha and other Hadith books (الحديث و المجدثون)
- Thabari, Ibnu Masudi, Ibnu Khalikan (History)
- Gazzali, Al Kindi, Ibnu Seena (Philosophy)

#### Module 4.

- Drama: Tawfiq AlHakeem, Gassan al kanafani
- Short Story: Musthafa Luthfi al manfaloothi, Mahmood Thaymoor, Yahya Haqi, Yusuf Idress, Abdul Khal
- Novel: Najeeb Mehfooz, Najeeb Keelaani, Saud al sanusi
- Essay & Biography: Thaha Hussain, Sayyid Quthub, Ahamd Ameen, Mahmood Abbas al Aqad
- Journalism: Arabic Newspapers and Magazines, Development of Arabic Journalism & Arab Channels

#### Module 6. Contemporary Arab World (Political System, Capital City & Coin)

 Kingdom of Saudi Arabia, Qatar, UAE, Egypt, Kuwaith, Iraq, Iran, Oman, Behrain, Libiya, Syria, Palestine, Jordan, Morocco, Sudan, Yaman, Algeria

#### Module 7. Encyclopedic Works in Arabic

- Major resources of Arabic language and literature
- Lexicons

## Unit III

#### Grammar

#### Module 1. Arabic Grammar- All areas related in Arabic Grammar

#### Module 2. Rhetorics

 Intoduction, Ilmul Ma'ni, Ilmul Badee'u, Ilmul Bayaan

## Module 3. Prosody

Fundamental and 16 meters

#### **Module 4. Linguistics**

 Development of Linguistics in Arabic and general awareness in Linguistics

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