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SYLLABUS FOR Ph.D. ENTRANCE EXAM 2023-24
PAPER-I
(RESEARCH METHODOLOGY)

- 1. Basic concept of research problem**
 - Rationale of research
 - Identification of research problem
 - Research objective
 - Types of research- fundamental/ applied/ action/ quantitative/ qualitative
- 2. Review of literatures**
 - Primary source
 - Secondary source
 - Searching e-resources, using research engines
 - Searching data base
 - Writing literature review
- 3. Methods of research**
 - Concept and formulation of hypothesis
 - Survey method
 - Experimental method (variable, designs)
 - Historical methods
 - Content analysis
- 4. Sampling of data**
 - Concept of sampling
 - Probability sampling techniques
 - Non Probability sampling techniques
 - Sampling error
- 5. Collection of data**
 - Primary data generation
 - Secondary data collection
 - Methods of data generation/ collection- by experiments, questionnaire, interview Schedule, focus groups etc.

6. Analysis of data

- Statistical analysis techniques
- Qualitative analysis techniques
- Application of computer in research data analysis

7. Reports preparation

- Structure and component of research report
- Organization of data
- Indexing of journal and research output
- Citation, references, bibliography
- Copyright, plagiarism, originality of research work

8. Research ethics

- Ethics in research
- National and International regulations/ laws/ ethics related to research on Human, Animals and Environments

Each question in both papers carries 1 mark and will have a total of 50 marks for each paper. The duration for solving each paper is 1 hour. Students must appear for both Paper-I and Paper-II as specified for the entrance. After completion and submission of Paper-I, the question paper Paper-II will be provided to the students. It is mandatory for the Student to appear in both Paper-I and Paper-II as specified for the entrance.

Scheme:

Paper-I Research Methodology

Number of questions – 50 MCQs covering whole syllabus

Maximum Marks – 50

Duration – 1 hr

Paper-II

Number of questions – 50 MCQs covering whole syllabus

Maximum Marks – 50

Duration – 1 hr

Syllabus for Ph.D. Entrance Test 2023-24

Paper-II

- Unit-I Fundamental of Social/Cultural Anthropology**
Anthropology and its relationship with other Social Sciences, Life Sciences, Medical Science & Humanities. Social Cultural Anthropology: Meaning, Scope and its main branches. Some basic concepts: Culture, Civilization, Society, Community, Social Institutions and Groups. Marriage, Family, Kinship. Economic organization. Cultivation. System of trade exchange. Primitive Law and Political organization. Religion. Anthropological approaches to the study of religion: Evolutionary, Psychological, Functional and Structural. Magic: Meaning, definition, function and types, Religion, Magic and Science.
- Unit-II Fundamental of Physical/Biological Anthropology**
History, Definition. Relationship of Physical Anthropology with Physical, Biological and Medical Sciences. New Physical Anthropology. Theories of Organic Evolution: Lamarckism, Darwinism, Synthetic Theory. Primate behavior. (With reference to Higher Primates) Hominid Evolution. Erect posture and bipedalism. Biological concept of Race, Race formation, Criteria of Race.
- Unit-III Fundamental Archaeology**
Framework of Archaeological Cultures. Geological Time Scale. Climatic Markers. Dating Techniques. Mesolithic Cultures of India. Neolithic Cultures of India. Chalcolithic Cultures of India. Megalithic Culture of India, Indus Civilization.
- Unit-IV** History, Definition and Scope of Human Genetics. Branches of Human Genetics. Elementary principles of Genetics. Structure and function of DNA, RNA and Proteins. Genetic code. Cell Division. Mendelism. Methods of studying human heredity: Pedigree method, Twin method, Linkage Studies. Multiple alleles and blood groups. Inheritance of ABO, MN and Rh blood groups. Concept of gene frequencies. Autosomal Dominant and Recessive inheritance. Sex-linked, Sex-limited and Sex-influenced inheritance. Polygenic inheritance.
- Unit-V** Medical statistics measurement of morbidity and mortality rates incidence and other statistics. Health promotion and health programmes, nutrition, RCH, family welfare, health education. Health and environmental. National health policy, historical review, Health care delivery in India rural and urban. Voluntary efforts in community health and development. Role of Anthropology in Tribal Health.
- Unit-VI** Meaning and Scope of Applied Biological Anthropology. Anthropology of Sports. Nutritional Anthropology. Designing of defence equipments. Applications of Human Genetics. Applied & Action anthropology. Applications of Anthropological theory and methodology in the field of tribal development. Applied anthropology in industry, education & public health. National health programme.
- Unit-VII** Human growth and development. Human growth curves. Basic methods of growth studies. Factors affecting growth. Concept of age. Nutrition. Concept of Balanced Diet, malnutrition, under nutrition, over nutrition, obesity etc. Evaluation of nutritional status. Special problems related to Growth & nutrition and programmes. Immunization programme in India

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- Unit-VIII** Evolutionary School of thought: Classical & Neo-evolutionism: contributions made by Morgan, Tylor, Leslie White. Julian Steward.
Diffusionists School of thought: Elliot Smith, Friedrich Ratzel, Graebner, Father Wilhems Schmidt. American Diffusionism. Culture Area approach-Clark Wissler, A.L. Kroeber
Functional School of thought: B. Malinowski.
Structural-Functionalism: Redcliffe-Brown, Evans-Pritchard, Mayer Fortes.
Social Organization: Raymond Firth.
Psychological Anthropology: Culture and Personality School of thought – Ruth Benedict, Margaret Mead, Linton. Kardiner and Cera-du-Bois. Historical Particularism: Franz Boas.
Philosophical anthropology: Concept of Cultural Relativism- Franz Boas, Herskovits.
Historical and Dialectical Materialism: Marx and Angeles.
Ethnographic method for policy planning and intervention.
- Unit-IX** Definition of Tribe, Scheduled Tribe and Primitive Tribal Groups.
Classification and characteristics of tribal regions.
Racial and linguistic classification of tribes.
Impact of civilized societies on tribal languages and traditions.
History of tribal development in India with special reference to Chhattisgarh.
Indian Constitution- Safeguards and Provisions for scheduled tribes: Socio-cultural, Economic, Educational, Political and Services etc.
Administration of Scheduled Areas (Fifth Schedule).
Tribal Areas (Sixth Schedule). Tribal Policies.
History of Tribal Movement in India with special reference to Chhattisgarh
Tribal Economy and Forests- Forest Policy and tribes, Joint forest management.
Land and Agriculture: Land rights, subsistence agriculture.
Allied economic activities: Fishing, Hunting, Pastoralism, Cottage industries.
- Unit-X** Definition, Aims and scope of Forensic Anthropology, Collection and preservation of skeletal remains from crime scene, Assessment of time and cause of Death.
Establishment of Identity through skeletal remains, Anatomy of Human bones, Determination of Age, sex and ethnic.
Human dentition for determination of sex, age and ethnic group.
Determination in Forensic Anthropology, Identification of finger and sol prints, details of ridge and crease character , analysis of Dermatoglyphic indices, Dermatoglyphic significance in Forensic Science.
Personal Identification through somatometric and somatoscopic observation. Identification through blood, semen, urine and saliva in disputed paternity cases.
- Unit-XI** Meaning and Definitions of Plan and Planning. Planning typology.
Dimension of Development. Development: Theories and Models of development.
Moral/Ethical Issues and limitations of development Anthropology.
Role and Values and Institutions in development: Caste and religion.
Study of women development in India: Programs for Women Development Study of Aging in India. Programs Provision of right of life in Indian Constitution.
Scheduled Caste: Special Component Plan. Study of Slum and their development in India.
Concept of globalization. Impact of globalization on development programs in India.
The Cultural Ecology of Development. Environment and Sustainable Development in India.
Rural Development in India. Special Programmes, Poverty alleviation Programmes.
Panchayati Raj. Land reform. Sustainable Development: Environment, natural resources.

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