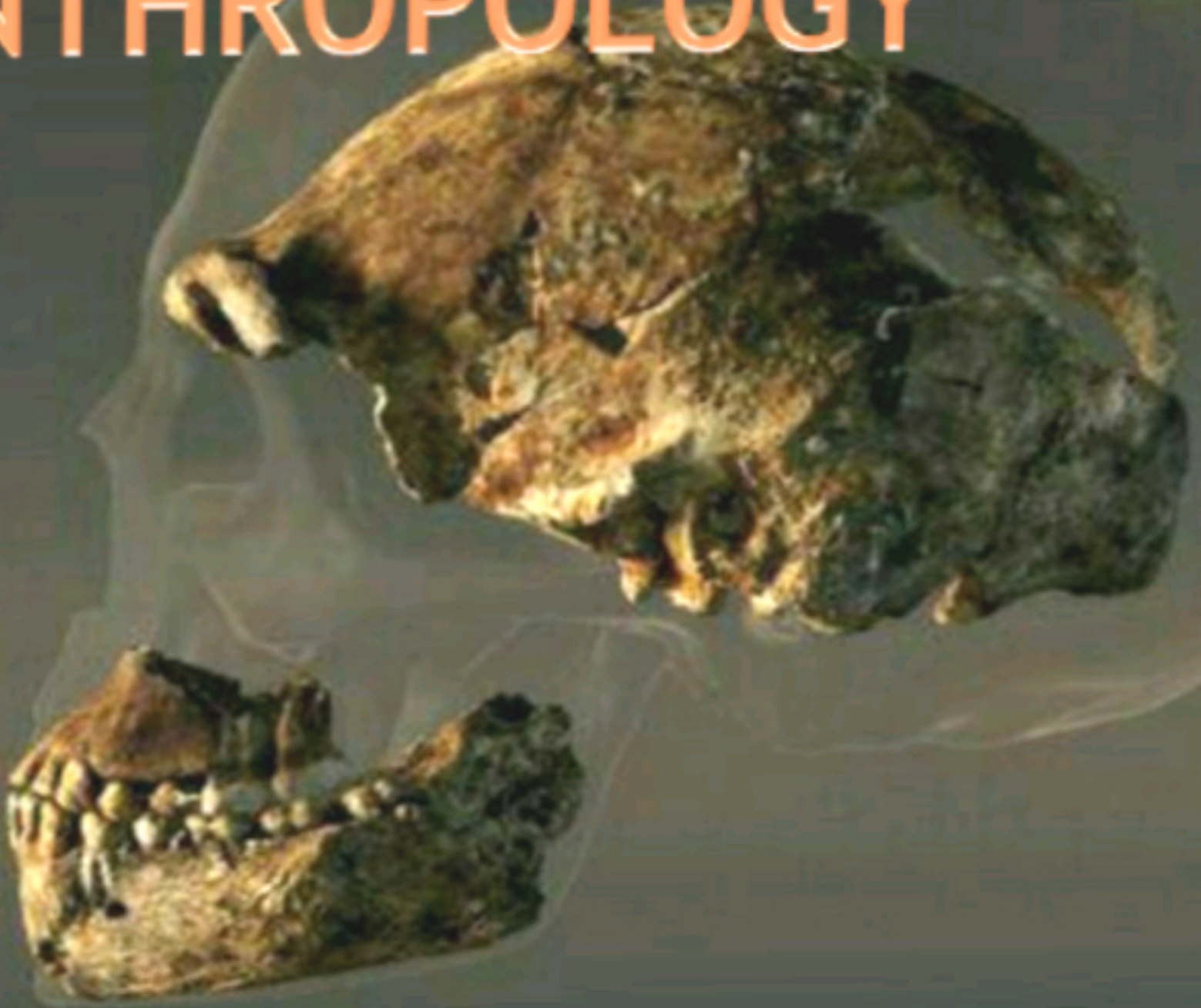


# ANTHROPOLOGY




# ABOUT ME:

## PRAGATI MISHRA

- Completed Bsc Biotech ( Top Rank 3 in S.P UNIVERSITY)
- Msc Biotech: Selected for a dissertation research work on“ORGANIC SOLVENT TOLERANT LIPASE PRODUCING MICRO-ORGANISMS ISOLATION”
- An upsc aspirant from 2017
- Hobbies: Mimicry, Singing , Dancing
- Goal: To clear UPSC CSE
- My inspiration: My Father

1	<p>1.1 Meaning, scope and development of Anthropology.</p> <p>1.2 Relationships with other disciplines: Social Sciences, Behavioural Sciences, Life Sciences, Medical Sciences, Earth Sciences and Humanities.</p>	Brain tree
2	<p>1.3 Main branches of Anthropology, their scope and relevance:</p> <ul style="list-style-type: none"><li>(a) Social- cultural Anthropology.</li><li>(b) Biological Anthropology.</li><li>(c) Archaeological Anthropology.</li><li>(d) Linguistic Anthropology.</li></ul>	General Anthropology - Nadeem hasnain
3	<p>1.4 Human Evolution and emergence of Man:</p> <ul style="list-style-type: none"><li>(a) Biological and Cultural factors in human evolution.</li><li>(b) Theories of Organic Evolution (Pre- Darwinian, Darwinian and PostDarwinian).</li></ul>	P.Nath Physical Anthropology Physical Anthropology - Telugu academy books
4	<ul style="list-style-type: none"><li>(c) Synthetic theory of evolution; Brief outline of terms and concepts of evolutionary biology (Doll's rule, Cope's rule, Gause's rule, parallelism, convergence, adaptive radiation, and mosaic evolution).</li></ul>	P.Nath Physical Anthropology Physical Anthropology - Telugu academy books

5	<p>1.5 Characteristics of Primates;          Evolutionary Trend and Primate Taxonomy;          Primate Adaptations;          (Arboreal and Terrestrial) Primate Taxonomy;          Primate Behaviour; Tertiary and Quaternary fossil primates;          Living Major Primates;          Comparative Anatomy of Man and Apes;          Skeletal changes due to erect posture and its implications.</p>	P.Nath Physical Anthropology
6	<p>1.6 Phylogenetic status, characteristics and geographical distribution of the following:          (a) Plio-pleistocene hominids in South and East Africa - Australopithecines.          (b) Homo erectus: Africa (Paranthropus), Europe (Homo erectus heidelbergensis), Asia (Homo erectus javanicus, Homo erectus pekinensis).          (c) Neanderthal Man- La-Chapelle-auxsaints (Classical type), Mt. Carmel (Progressive type).          (d) Rhodesian man. (e) Homo sapiens - Cromagnon, Grimaldi and Chancelade.</p>	<p>P.Nath Physical Anthropology          Physical Anthropology - Telugu academy books</p>
7	<p>1.8 (a) Principles of Prehistoric Archaeology. Chronology:          Relative and Absolute Dating methods.</p>	General Anthropology - Nadeem Hasnain
8	<p>(b) Cultural Evolution- Broad Outlines of Prehistoric cultures:          (i) Palaeolithic (ii) Mesolithic (iii) Neolithic (iv) Chalcolithic</p>	General Anthropology - Nadeem Hasnain

9	<p>Laws of marriage (endogamy, exogamy, hypergamy, hypogamy, incest taboo);  Types of marriage (monogamy, polygamy, polyandry, group marriage). Functions of marriage;</p> <p>Marriage regulations (preferential, prescriptive and proscriptive);  Marriage payments (bride wealth and dowry).</p>	 <p>Socio - Cultural Anthropology by  Nadeem Hasnain  Brain tree</p>
10	<p>2.4 Family: Definition and universality;  Family, household and domestic groups;  functions of family;</p> <p>Types of family (from the perspectives of structure, blood relation, marriage, residence and succession);  Impact of urbanization, industrialization and feminist movements on family.</p>	<p>Socio - Cultural Anthropology by  Nadeem Hasnain  Brain tree</p>
11	<p>2.5 Kinship:  Consanguinity and Affinity;</p> <p>Principles and types of descent (Unilineal, Double, Bilateral, Ambilineal);  Forms of descent groups (lineage, clan, phratry, moiety and kindred);</p>	<p>Socio - Cultural Anthropology by  Nadeem Hasnain  Brain tree</p>
12	<p>Kinship terminology (descriptive and classificatory);  Descent, Filiation and Complimentary Filiation;  Descent and Alliance</p>	<p>Socio - Cultural Anthropology by  Nadeem Hasnain  Brain tree</p>

13	<p>3. Economic organization: Meaning, scope and relevance of economic anthropology; Formalist and Substantivist debate; Principles governing production, distribution and exchange (reciprocity, redistribution and market), in communities, subsisting on hunting and gathering, fishing, swiddening, pastoralism, horticulture, and agriculture; globalization and indigenous economic systems.</p>	Socio - Cultural Anthropology by Nadeem Hasnain Brain tree
14	<p>4. Political organization and Social Control: Band, tribe, chiefdom, kingdom and state;</p>	Socio - Cultural Anthropology by Nadeem Hasnain Brain tree
15	<p>concepts of power, authority and legitimacy; social control, law and justice in simple societies</p>	Socio - Cultural Anthropology by Nadeem Hasnain Brain tree
16	<p>5. Religion: Anthropological approaches to the study of religion (evolutionary, psychological and functional); monotheism and polytheism; sacred and profane; myths and rituals;</p>	Socio - Cultural Anthropology by Nadeem Hasnain Brain tree

## 5. Religion:

Anthropological approaches to the study of religion  
(evolutionary, psychological and functional);  
monotheism and polytheism;  
sacred and profane;  
myths and rituals;

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Brain tree

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forms of religion in tribal and peasant societies (animism, animatism, fetishism,  
naturism and totemism);  
religion, magic and science distinguished;  
magico- religious functionaries (priest, shaman, medicine man, sorcerer and  
witch)

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18	<p>2.1 The Nature of Culture: The concept and characteristics of culture and civilization; Ethnocentrism vis cultural Relativism.</p> <p>2.2 The Nature of Society: Concept of Society; Society and Culture; Social Institutions; Social groups; and Social stratification.</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain</p> <p>Anthropological Thought by Upadhyaya and pandey</p>
19	<p>6. Anthropological theories:</p> <p>(a) Classical evolutionism (Tylor, Morgan and Frazer)</p> <p>(b) Historical particularism (Boas); Diffusionism (British, German and American)</p> <p>(c) Functionalism (Malinowski); Structural- functionalism (RadcliffeBrown)</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain</p> <p>Anthropological Thought by Upadhyaya and pandey</p>
20	<p>(d) Structuralism (L'evi - Strauss and E. Leach)</p> <p>(e) Culture and personality (Benedict, Mead, Linton, Kardiner and Cora - du Bois).</p> <p>(f) Neo - evolutionism (Childe, White, Steward, Sahlins and Service)</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain</p> <p>Anthropological Thought by Upadhyaya and pandey</p>
21	<p>(g) Cultural materialism (Harris)</p> <p>(h) Symbolic and interpretive theories (Turner, Schneider and Geertz)</p> <p>(i) Cognitive theories (Tyler, Conklin)</p> <p>(j) Post- modernism in anthropology</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain</p> <p>Anthropological Thought by Upadhyaya and pandey</p>

22	<p>7. Culture, language and communication: Nature, origin and characteristics of language; verbal and non-verbal communication; social context of language use.</p> <p>8. Research methods in anthropology:  (a) Fieldwork tradition in anthropology  (b) Distinction between technique, method and methodology</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain  Anthropological Thought by Upadhyaya and pandey  Brain tree</p>
23	<p>(c) Tools of data collection:  observation,  interview,  schedules,  questionnaire,  Case study,  genealogy,</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain  Anthropological Thought by Upadhyaya and pandey  Brain tree</p>
24	<p>life-history,  oral history,  secondary sources of information,  participatory methods.</p> <p>(d) Analysis, interpretation and presentation of data</p>	<p>Socio - Cultural Anthropology by Nadeem Hasnain  Anthropological Thought by Upadhyaya and pandey  Brain tree</p>

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### 10. Concept of human growth and development:

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

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3. Ageing and senescence. Theories and observations - biological and chronological longevity.
4. Human physique and somatotypes. Methodologies for growth studies.

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### 11. Population Studies:

- 11.1 Relevance of menarche, menopause and other bio events to fertility. Fertility patterns and differentials.
- 11.3 Biological and socio-ecological factors influencing fecundity, fertility, natality and mortality.

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- 11.2 Demographic theories- biological, social and cultural.

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### 9.1 Human Genetics :

1. Methods for study of genetic principles in man-family study

- a. pedigree analysis, b. twin study, c. foster child, d. co-twin method, method, f. chromosomal and karyo-type analysis, g. biochemical methods, h. immunological methods, i. D.N.A. technology and recombinant technologies.

e. cytogenetic

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### 9.2 Mendelian genetics in man-

- a. family study, b. single factor, c. multifactor, d. lethal, e. sub-lethal and inheritance in man.

e. polygenic

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### 9.3 Concept of genetic polymorphism and selection,

1. Mendelian population,

2. Hardy Weinberg law;

3. causes and changes which bring down frequency - mutation, isolation, migration, selection, inbreeding and genetic drift.

4. Consanguineous and non-consanguineous mating,

a. genetic load,

b. genetic effect of consanguineous and cousin marriages

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9.4 Chromosomes and chromosomal aberrations in man, methodology.

(a) Numerical and structural aberrations (disorders).

(b) Sex chromosomal aberrations -

1. Klinefelter (XXY), Turner (XO),

2. Super female (XXX),

3. intersex and other syndromic disorders.

(c) Autosomal aberrations -

1. Down syndrome, 2. Patau, 3. Edward and 4. Cri-duchat syndromes.

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(d) Genetic imprints in human disease, genetic screening, genetic counseling, human DNA profiling, gene mapping and genome study.

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9.5 Race and racism,

1. Biological basis of morphological variation of non-metric and metric characters.

2. Racial criteria,

3. Racial traits in relation to heredity and environment;

4. Biological basis of racial classification,

5. Racial differentiation and race crossing in man.

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35	<p>9.6 Age, sex and population variation as genetic marker-</p> <p>1. ABO, 2. Rh blood groups, 3. HLA Hp, 4. transferring, 5. Gm, 6. blood enzymes.</p>	<p>P.Nath, Physical Anthropology</p>
36	<p>Physiological characteristics</p> <p>1. Hb level, 2. Body fat, 3. pulse rate, 4. Respiratory functions and 5. sensory perceptions in different cultural and socio-economic groups.</p>	<p>Telugu Academy , Physical anthropology P.Nath, Physical Anthropology</p>
37	<p>9.7 Concepts and methods of Ecological Anthropology.</p> <p>1. Bio-cultural Adaptations - Genetic and Non- genetic factors. 2. Man's physiological responses to environmental stresses: a. hot desert, b. cold, c. high altitude climate.</p>	<p>P.Nath, Physical Anthropology</p>
38	<p>9.8 Epidemiological Anthropology:</p> <p>1. Health and disease. 2. Infectious and non-infectious diseases. 3. Nutritional deficiency related diseases.</p>	<p>Telugu Academy , Physical anthropology P.Nath, Physical Anthropology</p>
39	<p>12. Applications of Anthropology:</p> <p>1. Anthropology of sports, 2. Nutritional anthropology, 3. Anthropology in designing of defence and other equipments.</p>	<p>P.Nath, Physical Anthropology</p>

4. Forensic Anthropology, Methods and principles of personal identification and reconstruction,

5. Applied human genetics -

- a. Paternity diagnosis, genetic counselling and eugenics,
- b. DNA technology in diseases and medicine,
- c. serogenetics and cytogenetics in reproductive biology

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Internet for recent  
updates in applications

**HAPPY LEARNING!!!**