



BA- Geography – Semester-VI

Course Code	UA06CGEO51	Title of the Course	WORLD REGIONAL GEOGRAPHY-II
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<p>1. The aim of this course is to introduce the students to learn the basic knowledge about philosophy and theories of Yoga.</p> <p>2. Students will achieve mental and physical health by applying the principles of yoga in their lives.</p>
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Course Content		
Unit	Description	Weightage* (%)
1.	North & South America in the context of the Atlantic and Pacific rim states. Physical, economic and demographic set-up	50
2.	Regional Studies of North America, Latin America, South America, New England, Brazil, Chile, Peru.	50
3.	Australia & New Zealand in the context of Polynesia, Micronesia and South Asia; general account of the physical, economic and demographic set-up. Detailed regional studies of Australia, Newziland. Pacific Islands.	
4.	Contemporary issues in world geography: globalization, W.T.O. and World Summit, UN environment programmes (UNEP) UN Development programmes, Population	

Teaching-Learning Methodology	Lecture, Recitation, Group discussion, Guest speaker, Debate, Assignments, Field trips, Seminar, Quizzes
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	50%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce,	50%





	Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	
3.	University Examination	00%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Evaluate traditional Indian Yoga systems.
2.	Find the deference philosophy of the Yoga systems.
3.	Apply new thought in Yoga movement in the country.
4.	Gain in-depth of fundamental and applied scientific concepts and methods of Yogic Science and allied Science.
5.	Student of yoga sciences & Holistic Health can find a career to teach and spread the knowledge in schools, colleges, health centre.

Suggested References:	
Sr. No.	References
1.	Cole, J: A Geography of the world's major Regions, Routledge, Iodon, 1996
2.	Dickenson, J.P. et al : The geography of the Third World, Routledge, London 1996
3.	Kolb, A. : East Asia-Geography of a cultural Region. Mathuen, London 1997
4.	Songquiao, Z.: geography of china. John Wiley, New Yourk, 1994
5.	Word, P.W. and Miller, A : World Regional Geography : A Question of Place, John wiley, New Yourk, 1989
6.	Dr.S.D.Mourya and vishva ka Pradeshik bhugol .prayag pustak bhavan ilahabad 2010
7.	R.n.chauhan World geography ABD Publishers 2007
8.	Dr.D.R.Khullar vishva ka bhugol, McGraw Hill Eduction india Private Limited, New Delhi 2016

On-line resources
https://www.nationalgeortaphic.org
https://en.m.wikipedia.org





BA- Geography – Semester- VI

Course Code	UA06CGEO52	Title of the Course	POPULATION GEOGRAPHY
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<p>1. The aim of this course is to introduce the students to learn the basic knowledge about Rationalistic philosophy and theories.</p> <p>2. The student will relate, correlate and compare the views of different rationalist thinkers.</p>
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Course Content		
Unit	Description	Weightage* (%)
1.	Population Geography: Scope and Objectives: development of population geography as a field of specialisation-Population Geography and Demography-sources of population data, their level of reliability, and problems of mapping of population data	25
2.	Population distribution: density and growth – theoretical issues; classical and modern theories in population distribution and growth; World patterns and their determinants; india -: population distribution , density and growth profile, Concepts of under population and over population.	25
3.	Population composition; age and sex; family and households; literacy and education ; religion, caste and tribes; rural and urban ; urbanisation occupational structure; gender issues; Population composition of india.	25
4.	Population dynamics: Measurements of fertility and mortality. Migration: national and international patterns; india's population dynamics. Population and development; population-resource regions and levels of population and socio-economic development; population policies in developed and less developed countries; Human development index and its components; india's population policies; population and environment; implications for the future.	25

Teaching-Learning Methodology	Lecture, Recitation, Group discussion, Guest speaker, Debate, Assignments, Field trips, Seminar, Quizzes
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage





1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to

1. Demonstrate understanding and evaluate the transition from the medieval scholasticism to the modern period of philosophy as introduced by Descartes.
2. Analyze the distinction between rationalism and empiricism.
3. Demonstrate understanding and evaluate the arguments and the issues discussed by the major rationalists: Descartes, Spinoza, Leibniz.
4. Distinguish between and discuss the standpoints of the major empiricists: Locke, Berkeley, Hume.
5. Analyze the dominant scientific image of the seventeenth century and its impact on philosophy.
6. Explain, in both oral and written form, the ideas, concepts and the abstract terms in philosophical discourse.

Suggested References:

Sr. No.	References
1.	Bilasborrow, Richard e and Daniel Hogan, Population and deforestation in the humid tropics, international Union for the scientific study of population. Belgium 1999
2.	UNDP: Human development Report. Oxford University press, Oxford 2000
3.	Srinivasan, K. and M. Vlassoff. Population development nexus in india. Challenges for the new millennium. Tata Mcgraw-Hillm New Delhi 2001.
4.	Girish chopara, Population geography, Commonwealth Publishers 2006
5.	Dr.Manjulaben Dave Vasti vishyak bhugol university granth nirman board Ahmedabad Gujarat rajya .

On-line resources

<http://www.studocu.com>

<https://www.studysmarter.co.uk>





BA- Geography – Semester- VI

Course Code	UA06CGEO53	Title of the Course	BIOGEOGRAPHY
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	1. The aim of this course is to introduce the students to learn the basic knowledge about Indian philosophy and theories of Six System.
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Course Content		
Unit	Description	Weightage* (%)
1.	Definition, scope and significance of biogeography, Basic ecological principles: Bio energy cycle in the terrestrial ecosystem: energy budget of the earth; trophic levels and food chain : Darwin;s theory of evolution ; concepts of Biome, Ecotone and Community,	25
2.	Origin of fauna and flora; major gene-centres; domestication of plants and animals and their dispersal agents and roots. Distribution of plant life on the earth and its relation to soil, climate and human activities; Geographical distribution of animal life on the earth and its relation to vegetation types. Climate and human activities.	25
3.	Communities- nature of communities and ecosystems; bio-diversities; human induced community change, habital decay and conservation. Industrial effluent and its effect on fresh water and marine biology; management practices (special reference to india)	25
4.	Study of nay tow of the following ecological regions of india in relation to their plant and animal life, their interrelations, problems, conservation and management: (a) mangrove (b) tropical rainforest (c) Deseret (d) Mountain (e) fresh water and marine.	25

Teaching-Learning Methodology	Lecture, Recitation, Group discussion, Guest speaker, Debate, Assignments, Field trips, Seminar, Quizzes
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
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Syllabus with effect from the Academic Year 2023-2024

2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to

1.	This course will widen knowledge horizon regarding Indian Philosophy.
2.	It will make the learner competent in understanding important Darshanas like Nyay, Vaisheshika, Sankhya, Yoga, Purva Mimansa, Uttar Mimansa.
3.	It will impart the learner a subtle understanding of darshanic concepts for understanding reality and concepts related to Truth.
4.	It will enhance Sanskrit Language understanding and its application.

Suggested References:

Sr. No.	References
1.	Hagget, R.J : Fundamentals of Biogeography, Routledge, London,1988
2.	Robinson H: Biogeography, McDonald and Evans, London, 1982
3.	World Resources 2000-01: People and Ecosystems ; World Resources Institute Washington, 2001
4.	Dr.Pradipkumar Giv bhugol.Discovery publishing house New Delhi 2007
5	Pra.Nitin Kothari, dr.Jaymal rangiya Jaiv bhugol, Nirav Prakashan

On-line resources

<https://www.sciencedirect.com>

<https://www.researchgate.net>





BA- Geography – Semester- VI

Course Code	UA06CGEO54	Title of the Course	RESEARCH METHODOLOGY AND FIELD WORK (PRACTICAL)
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<p>1. In Indian thought all ethical thinking has always been firmly rooted in philosophy and religion. The goal of ethical behaviour has always been linked to the ultimate goal of human life as conceived in different classical systems of Indian philosophy. Ethical thinking in India has also been consistently cosmocentric and duty-oriented. The part of the paper aims at introducing the student to the distinctive elements of Indian thinking on ethics.</p> <p>2. The chief concern and presuppositions of Western ethics are considerably different from those of Indian ethics. There is no ever-present and inexorable link between ethics, religion and philosophy in the West as in India. Therefore a wide variety of distinct ethical theories have developed in the West. This course is meant to introduce the student to the main types of ethical theories in the West.</p>
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Course Content		
Unit	Description	Weightage* (%)
1.	Map Projection 1. ZENITHAL POLAR PROJECTION. i. Zenithal Polar Gnomonic Projection ii. Zenithal Polar Stereographic Projection. 2. CONICAL PROJECTION : i. Projection with one standard parallel ii. Bonne's Projection 3. CYLINDRICAL PROJECTION i. Cylindrical equal area Projection. ii. Mercator's Projection (Construction of above map projection with properties and uses of each group : one from each hemisphere)..	25
2.	Representation of Statistical Data 1.Simple Line Graph 2.Polygraph 3.Simple Bar Diagram 4.Compound Bar Diagram 5.Pie Diagram (Chart) 6.Dot method 7.Choropleth method	25
3.	Surveying Chain & Tape Survey - Preparation of plans Prismatic Compass Survey - Open & Closed traverse Plane Table - Radiation and Intersection methods Indian clinometers - Calculation	25
4.	Field visit and preparation of report. Students to be taken on a field visit for one day to nearby village/ town/tourist place, and have to submit its report. Main objectives of field visit are : 1. To collect demographic/ social/ economic data of the households with a structured questionnaire 2. To prepare the report with maps, sketches and photographs. (This report should be at least 03 pages)	25





Teaching-Learning Methodology	Lecture, Recitation, Group discussion, Guest speaker, Debate, Assignments, Field trips, Seminar, Quizzes
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Describe and distinguish key ethical concepts, including concepts such as good, right, permissible, free will, pluralism, universality, reason, relativism, absolutism, obligation, virtue, prima facie, duty, action, intension, etc.
2.	Read and comprehend philosophical texts, classical or contemporary, in the area of ethics.
3.	Discuss core ethical problems, such as whether religion is a source of values, what does it mean to be virtuous, are we free to make choices, what is justice, how can we know what is right or wrong, etc.
4.	Write clear and concise explanations and arguments about basic ethical problems.
5.	Distinguish the basic ethical theories and approaches, including: deontology, utilitarianism, virtue ethics, social contract theory, and one or more non-traditional or non-western positions (feminist theory, critical race theory, Confucian ethics, Buddhist ethics, etc.).
6.	Apply basic ethical concepts and approaches to solving practical problems in ethics, including: sex and reproduction, environment, non-human animals, drug use, capital punishment, war, euthanasia, affirmative action, abortion, economic inequality, etc..





Suggested References:	
Sr. No.	References
1.	Gopal Singh, (1996) Map Work and Practical Geography, Vikas Publishing House, New Delhi.
2.	Singh,R.L. and Dutt,P.K. (1968) Elements of Practical Geography, Students Friends, Allahabad
3.	Negi,B.S. (1998) Practical Geography, Kedarnath and Ramnath, Meerut
4.	Singh L.R.(2009) Fundamentals of Practical Geography, ShardaPustakBhavan, Allahabad
5.	Creswell J., 1994: Research Design: Qualitative and Quantitative Approaches Sage Publications.
6.	Dalal V.G. Prayogik Bhugol Part1,2 – Gujarati, University Granth Nirman Board, Ahmedabad (1st Edition)
7.	Dr.nilendra dixit naksha vigyan-1 univeristy granth nirman bord Gujarat rajya 2016

On-line resources
http://gujarativishwakosh.org
http://rajeduboard.rajasthan.gov.in





BA- Geography – Semester- VI
Syllabus with effect from the Academic Year 2023-2024

Course Code	UA06DGEO51	Title of the Course	Climate Change Vulnerability and Mitigation
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	Understand the climate change and its physical, economic and social vulnerabilities; Diagnose the impacts of climate change on various spheres of the earth. Appreciate the global, national and local adaptation and mitigation efforts and plans of the governments
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Course Content		
Unit	Description	Weightage* (%)
1.	Science of climate change; Understanding Climate Change Green House Gases and global warming global climatic assessment – IPCC	25
2.	Climate change and vulnerability ; physical Vulnerability; Economic vulnerability ; social vulnerability	25
3.	Impact of climate change; agriculture and water; flora and fauna; human Health.	25
4.	Adaptation and mitigation; global initiatives with particular reference to south Asia. National action plan on climate change; local institutions (urban local bodies, panchayats)	25

Teaching-Learning Methodology	Lecture, Recitation, Group discussion, Guest speaker, Debate, Assignments, Field trips, Seminar, Quizzes
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%





Course Outcomes: Having completed this course, the learner will be able to

1.

2.

Suggested References:

Sr.
No.

References

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| 1. | IPCC (2014) climate change 2014 impacts, adaptation, and vulnerability. Part a: global and sectoral aspects. Contribution of working group ii to the fifth assessment report of the intergovernmental panel on climate change, Cambridge university press, Cambridge. |
| 2. | Malhotra, nitasha and sen, shyamoli, 2018 Climatology r.k.books, new delhi. |
| 3. | Singh. M.singh. R.B and Hassan, M.I.(eds) climate change and biodiversity; proceedings of IGU rohtak conference, volume 1. Advances in Geographical and Environmental Studies, springer, basel. |

On-line resources

<https://www.ipcc.ch>

<https://climate.nasa.gov>

