

BHAKTA KAVI NARSINH MEHTA UNIVERSITY - JUNAGADH



STRUCTURE OF THE COURSES

OF

SUBJECT : GEOGRAPHY

B.A. SEMESTER- I

(Revised Syllabus in Force from: June-2018)

BHAKTA KAVI NARSINH MEHTA UNIVERSITY**ARTS FACULTY****REVISED SYLLABUS**

(Introduced from June, 2018)

B.A (GEOGRAPHY) SEMESTER-I

Sr No	Level UG	Sem	Course Group	Course (Paper)Title	Course (Paper) No	Credit	Internal Marks	External Marks	Practical /Viva Marks	Total Marks	Course (Paper) Unique Code
			Core / Elec-1 /Elec-2								
1	UG	1									
			Elec-1	Elements of Physical Geography	1	4	30	70		100	
			Elec-1	Geography of Gujarat – I (Physical aspect)	2	3	30	70		100	
			Elec-2	Elements of Physical Geography-I	1	4	30	70		100	
			Elec-2	Geography of Gujarat – I (Physical Aspect)	2	3	30	70		100	

PAPER STYLE:

Semester End Exam: 70 Marks

Que. 1 Long Question from the Unit - 1 (1 out of 2)	14 Marks
Que. 2 Long Question from the Unit - 2 (1 out of 2)	14 Marks
Que. 3 Long Question from the Unit - 3 (1 out of 2)	14 Marks
Que. 4 Long Question from the Unit - 4 (1 out of 2)	14 Marks
Que. 5 Short Notes: (Any 2 out of 4)	14 Marks

Subject: Geography
Course (Paper) Name & No : Elements of Physical Geography – 1 Paper No -1
Course (Paper) Unique Code :
Course Exam Time Duration : 45 Lectures

Name of Cour	Semester	Core/ Elective- 1/ Elective- 2/ Practical	Paper Code	Paper Title	Credit	Internal Marks	External Marks	Practical/ Viva/ Exam. Marks	External Exam. Time Duration
B. A.	1	Elect-1/ Elect-2		Elements of Physical Geography	4	30	70		2.30 hrs

Course Objectives:

- The objective of this course is to introduce the latest concepts in physical geography, essentially geomorphology; to the students of geography in a brief but adequate manner.

Course Contents:

Unit - I:

The nature and scope of physical geography , Inter - relation of physical geography with other branches of earth sciences, The place of geomorphology in physical geography.

Unit - II:

Solar system, Theories of origin of the Earth (Kant's gaseous hypothesis, Laplace nebular hypothesis, Chamberlin and Moulton's planetesimal theory, James jeans and Zeffreys tidal theory, Nova star theory), Age of the Earth, Geological eras and periods, Earth's interior, Isostasy.

Unit - III:

Diastrophism – Endogenetic forces. Continental drift theories of Wegner's, Plate tectonics, Folding & Faulting, Earth quakes and volcanoes, classification of mountains

Unit - IV:

Rocks - meaning, classification and characteristics, Soils - Meaning, formation, natural characteristics, soil Profile.

Suggested Readings:

- 1) ભૌતિક ભૂગોળ : પ્રા. મહેન્દ્રકુમાર આર. શાહ અને પ્રા. કાનજીભાઈ એન. જસાણી, યુનિવર્સિટી ગ્રંથનિર્માણ બોર્ડ.
- 2) Rice R.J. : Fundamentals of Geomorphology, Longmans 1977
- 3) Majid Husain : Geomorphology
- 4) Phillip Gersmehl, William kammrath, Herttrert grars – Physical geography.
- 5) Wooldridge S.W. : An outline of Geomorphology : Longmans
- 6) Fairbridge, R.W. Encyclopedia of Geomorphology, Reinhold's, New York, 1968.
- 7) Garner, H.F.: The Origin of Landscape – A Synthesis of Geomorphology, Oxford University Press, London, 1974.
- 8) Sparks B.W.: Geomorphology : Longmans, London, 1960.
- 9) Sharma, H.S.: Perspectives in Geomorphology, Concept, New Delhi, 1980.
- 10) Singh, S : Geomorphology, Prayag Publication, Allahabad, 1998.
- 11) Pitty, A.F. Introduction to Geomorphology, Methuen, London, 1971.

Subject: Geography
Course (Paper) Name & No : Geography of Gujarat – 1 Paper No -2
(Physical division)

Course (Paper) Unique Code :
Course Exam Time Duration : 45 Lectures

Name of Cour	Semester	Core/ Elective- 1/ Elective- 2/ Practical	Paper Code	Paper Title	Credit	Internal Marks	External Marks	Practical/ Viva/ Exam. Marks	External Exam. Time Duration
B. A.	1	Elect-1/ Elect-2		Geography of Gujarat – 1 (Physical division)	3	30	70		2.30 hrs

Course Objectives:

- The course is aimed at presenting a comprehensive, integrated and empirically based profile of Gujarat. Besides the objective is to highlight the physical aspects such as relief, climate, vegetations and minerals of Gujarat with the regional personality of the state.

Course Contents:

Unit - I:

Location, Area and boundaries, Geological structure, Eras and Periods. Relief features, Major physiographic divisions.

Unit - II:

Climate: Characteristic of climate and factors affecting climate. Climatic regions, types and their importance. Drainage pattern: Major Rivers (Narmada, Tapi, Sabarmati and Bhadar)

Unit - III:

Natural vegetation: Types, distributions, utility, wild life, reserve forest, national park and conservation.

Unit - IV:

Mineral resources: Importance and distribution (Fluorspar, Limestone, Bauxite and China clay) Power resources: Importance and distribution (Lignite, Mineral oil, and Natural gas), Soil types, Importance, distribution, problems and their conservation.

Suggested Readings:

- 1) દવે મંજુલાબેન બી.: ગુજરાતની આર્થિક અને પ્રાદેશિક ભૂગોળ (યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ)
- 2) સી. સી. ડોક્ટર: ગુજરાતની વસ્તી (યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ)
- 3) નકશામાં ગુજરાત: (યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ)
- 4) Dikshit K.R. Geography of Gujarat (National Book Trust of India)
- 5) Spate O.H.K. India and Pakistan.
- 6) Kapadia – Animal Life in Gujarat.
- 7) Bhatt – Ports of Gujarat.
- 8) Statistical Bureau Government of Gujarat – Statistical Atlas of Gujarat.