

**NORTH MAHARASHTRA UNIVERISTY,
JALGAON**

GEOGRAPHY

Syllabus For S.Y.B.A.

(w.e.f. June 2008)

S.Y.B.A.

(W.e.f.June 2008)

G2 : Economic And Human Geography

OR

G2 : Geography of Maharashtra

S1 : Agricultural Geography

OR

S1 : Geography of Tourism

S2 : Practical Geography

NORTH MAHARASHTRA UNIVERSITY- JALGAON
Syllabus for S.Y.B.A- Geography
G2 – Economic and Human Geography
 [with effect from -June-2008.]

Unit No.	Topic	Sub-Topics	Periods
I	Introduction (Economic Geography)	Definition, nature and scope of Economic Geography Approaches to Economic Geography	08
II	Economic Activities	a. Relationship of environment and occupation. b. Types of economic activities Primary, Secondary, Tertiary and Quaternary activities.	08
III	Power Resources	Distribution and importance of solar, wind and hydal power resources (Special references to Maharashtra State)	06
IV	Industries, Trade and Transportation	4.1 : Factors of location of industries 4.2 : Production and distribution of following Industries a. Engineering Industry. -- Japan, India and U.K. b. Cotton Textile Industry -- Japan, India c. Sugar Industry-India and special reference to Maharashtra State. d. Information Technology Industry U.S.A. and India.	18

		<p>4.3 : Transportation Merits and demerits of</p> <p>i. Roadways, Railways, Waterways, Airways.</p> <p>ii. Importance of Golden Quadrangle highway in India.</p> <p>iii. Suez canal route (Imp. regarding to India)</p> <p>Trade :</p> <p>i. Factors affecting the international trade.</p> <p>ii. India's foreign trade.</p>	
V	Theory and Models in Economic Geography	<p>a. Von Thunen's Model of Agricultural location.</p> <p>b. Rostow's Model of economic development.</p> <p>c. Weber's Theory of industrial location.</p>	10
VI	Introduction (Human Geography)	<p>8.1 Definition Nature and scope of Human Geography.</p> <p>8.2 Man and Environment.</p> <p>8.3 Determinism, Possibilism and Stop and Go determinism.</p>	10
VII	Races of Mankind	<p>7.1. Meaning of race</p> <p>7.2. Physical basis of racial groups</p> <p>7.3. Griffith Taylor's Theory of Human Race</p> <p>7.4. Ethnic groups in the world</p> <p>7.5. Ethnic groups in India.</p>	12
VIII	Form of adaptation to the environment	<p>8.1 Human life in cold region.</p> <p>8.2 Human life in Tropics</p> <p>8.3 Human life in mountainous region.</p>	12

IX	Study of Indian Tribes	a. Gonds b. Bhill c. Naga d. Santhal	12
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Reference Books

Economic Geography

1. Economic Geography : John and Darkanwald.
2. Economic Geography : Alexander

Marathi Medium Books

3. Arthik va Wyapari Bhugol : Prof.Karmarkar, Gupte, Paranjape
4. Paryavaran va Arthik Kriya : Dr.S.R.Chaudhari
5. Arthik Bhugol : Prof.S.P.Pathak
6. Arthik Bhugol : Prof.Ahirrao, Prof.Alizad, Prof.Dhapte
7. Arthik Bhugol : Dr.V.T.Gharpure
Pimpalpure Prakashan, Nagpure.

Human Geography

1. Human Geography : H.R.Robinson.
2. Human Geography : A.V.Perpillow
3. Human Geography : Emry Jones
4. Text book of Principle of Human Geography : Ahirrao and Alizad

Marathi Medium Books

5. Manavi va Arthik Bhugol : Prof.Dhake, Prof.Patil, Prof.Bharambe,
Prashant Publication, Pune.
6. Manavi Bhugol : Prof.Karmar, Shri N.Karlekar
7. Manavi Bhugol : Prof.K.D.Khatib, Mehata Publishing house,Pune
8. Manavi Bhugol : Kshirsagar, Bhagawat, Sapavarshi-
9. Manavi Bhugol : C.T.Pawar – Saprem Prakashan, Kolhapur
10. Manavi Bhugol : Dr.V.T.Gharpure Prakashan, Nagpur
11. Manavi Bhugol : Dr.Prakash Savant–Phadake Prakashan,Kolhapur
12. Adivasinchya Deokahanya : Prof.D.G.Patil,
Bhasha Sanshodhan Prakashan Kendra, Badoda
13. Pavara Samaj & Sanskriti : Prof.D.G.Patil
Bhasha Sanshodhan Prakashan Kendra, Badoda

Weightage : Economic Geography – 50 marks

Unit	Marks
I, II, III	20
IV,V	20
I to V	10 (Short Notes)

Human Geography

Unit	Marks
VI, VII	20
VIII, IX	20
VI to IX	10 (Short Notes)

NORTH MAHARASHTRA UNIVERSITY- JALGAON
Syllabus for S.Y.B.A
G2 – GEOGRAPHY OF MAHARASHTRA
 [with effect from -June-2008.]

Unit No.	Topic	Sub-Topics	Periods
1	Geographical Personality	1. Location 2. Site 3. Area 4. Administrative Division	08
2	Physiography	A) Physical Divisions of Maharashtra 1. Konkan Region. 2. Sahyadri Mountain 3. Maharashtra Plateau. B) Drainage – 1. Rivers in Konkan Region 2. Rivers in Plateau Region : Tapi – Purna Valley, Godavary Valley, Krishna basin, Pranhita valley	14
3	Climate	1. Characteristics of climate 2. Factors affecting climate 3. Seasons a. Summer b. Rajny c. Winter 4. Distribution of Rain fall & its characteristics 5. Climatic regions of Maharashtra	12

Unit No.	Topic	Sub-Topics	Periods
4	Soil & Natural Vegetation	<p>A] Soil</p> <ol style="list-style-type: none"> 1. Soil types – their distribution & characteristics 2. Soil erosion & conservation. <p>B] Vegetation</p> <p>Types of vegetation their distribution & importance.</p>	12
5	Agriculture	<ol style="list-style-type: none"> 1. Characteristics of Agriculture . 2. Major Food crops – Rice, Wheat, Cash crops – cotton, sugarcane, Banana plantation in North Maharashtra. 3. Live stock & dairy farming. 4. New trends in Agriculture. 5. Irrigation – Sources of Irrigation – Drift, sprinkle. 6. River Linking projects in Khandesh. 7. Ground water table of Khandesh 8. Agriculture Problems & Prospects. 	14
6	Minerals & Power resources	<p>A] Minerals</p> <p>Iron ore, Bauxite, Manganese.</p> <p>B] Power Resources –</p> <p>Conventional energy resources: Coal, Petroleum and Natural Gas</p> <p>Hydel & Thermal Power, Bio-gas, Atomic energy,</p> <p>Non conventional energy resources : Wind energy and Solar energy.</p>	12

Unit No.	Topic	Sub-Topics	Periods
7	Transportation & Industries	<p>A] Transportation</p> <ol style="list-style-type: none"> 1. Mode of transportation- Roads, Railways, Airport, Harbours. 2. Significance of Konkan Rail & Mega Express Highway. <p>B] Industries</p> <ol style="list-style-type: none"> 1. Cotton Textile 2. Information Technology 3. Sugar Industry 4. Engineering Industry 5. Automobile Industry 6. Petro-chemical Industry 7. Special Economic Zone (SEZ) <p>C) Industrial Regions of Maharashtra.</p>	14
8	Population	<ol style="list-style-type: none"> 1. Factors affecting the distribution of population in Maharashtra. 2. Population distribution 3. Urbanazation in Maharashtra 	10

Reference Books

1. Geography of Maharashtra : C.D.Deshpande
2. Maharashtra in Maps : K.R.Dikshit
3. Maharashtra : Prof.Sawadi and Keche
4. Economy of Maharashtra : Deshpande S.H.
5. The Economy of Maharashtra : Sahastrabudhe U.G.

Marathi Medium Books

6. Maharashtra : Santosh Dastane
7. Maharashtracha Bhugol : Dr.Subhashchandra Sarangi
8. Maharashtracha Bhugol : Pandurang Keche
9. Maharashtracha Bhugol : T.P.Patil
10. Maharashtracha Bhugol : C.D.Deshpande
11. Maharashtracha Bhugol : Dr.Vijaykumar Magar
12. Maharashtra : Prof.A.B.Savadi
13. Prakrutik Bhugol va Maharashtrache
Prakrutik Paryavaran : Himalaya Prof.Books ltd.Mumbai
: Dr.Shankar R. Chaudhari
14. Manavi Bhugol va Maharashtrache
Manavi Paryavaran : Dr.Mishrilal B. Chavan

Weightage

Unit	Marks
I, II	20
III, IV	20
V	20
VI, VII	20
VIII	20

NORTH MAHARASHTRA UNIVERSITY- JALGAON
Syllabus for S.Y.B.A [Geography]
S.1 Agricultural Geography.

Unit No.	Topic	Sub-Topics	Periods
I	Introduction to Agricultural Geography.	a. Definition of Agricultural Geography. b. Nature and Scope of Agricultural Geography. c. Development of Agricultural Geography. d. Approaches to the study of Agricultural Geography. 1. Commodity Approach 2. Economic Approach. 3. Systematic Approach. 4. Environmental Approach.	10
II	Factors influencing agriculture.	A. Physical Factors. 1. Topography 2. Slope 3. Climate 4. Soil B. Social and Economic Factors. 1. Irrigation 2. Chemical Fertilizers 3. Biotechnology 4. Government policies 5. Land ownership 6. Labour 7. Capital 8. Transportation 9. Marketing.	12

III	Soils	<p>A. Definition Formation and characteristics of soils.</p> <p>B. Types of soils</p> <ol style="list-style-type: none"> 1. Pedalfer group 2. Pedacal group 	12
IV	Types of Agriculture	<ol style="list-style-type: none"> a. Intensive subsistence Agriculture. b. Extensive Agriculture c. Plantation Agriculture d. Mediterranean Agriculture. e. Mixed Farming. 	12
V	Irrigation	<ol style="list-style-type: none"> a. Need and Importance of Irrigation. b. Means of Irrigation. <ol style="list-style-type: none"> 1. Canal 2. Tank 3. Dug and Borewell [Tubewell] c. Methods of Irrigation. <ol style="list-style-type: none"> 1. Flood Irrigation. 2. Ring and Basin Irrigation. 3. Ridge and Furrow method. 4. Drip Irrigation. 5. Sprinkler Irrigation. 	12
VI	Research technique in Agriculture.	<ol style="list-style-type: none"> a. Crop – combination and diversification. b. Crop combination techniques by weover’s method and Thomas’s method. c. Von. Thune’s Model. d. Agrio. Climatic zones of India. 	12

VII	Agricultural Development	<ul style="list-style-type: none"> a. Green revolution in India. b. Modern techniques used in Agriculture. <ul style="list-style-type: none"> 1. Biotechnology. 2. Organic farming 3. Polyhouse. 4. Tissue culture. 5. Concept of sustainable Agriculture. 	12
VIII	Problems of India Agriculture	<ul style="list-style-type: none"> a. Natural calamities. b. Over-Irrigation c. Excess use of chemical fertilizers d. Land-fragmentation e. Soil erosion f. Lack of capital g. Availability of Market. 	12

Reference Books

No.	Authors	Title
I	Jasbir singh and S.S. Dhillon [1988]	Agricultural Geography. Tata Ms Grow Hill Publication new Delhi.
II	Baylis Smith T.P. [1987]	The Economy of Agricultural system cambridge uni. Press, London.
III	Gregory H.P. [1970]	Geography of Agriculture Prentice Hall, New York.
IV	Terrent J.R. [1974]	Agricultural Geography Wiley publications, New York.
V	Majid Hussain [1996]	Agricultural Geography Rawal Publication, New York.
VI	L.J. Symons [1978]	Agricultural Geography Belll and Hyman, London.
VII	Vijaya salimiche [2004]	Fundamentals Agricultural Geography A.V. Publisher Nasik
	Marathi Medium Books	
IX	Dr. Viththal Gharapure	Krishi Bhugol, Pimpalpure publishers, Nagapur.
X	Dr. V.J. Patil, Prof.S.V.Dhake, Prof.S.N.Bharambe	Krishi Bhugol, Prashant publishers, Pune.
XI	Prof. Suresh Date Sanjivani Date	Sugam Sheti Bhuvidnyan Narendra Prakashan, Pune.
XII	Dr. K.A. Khativ	Bharatacha Krishi Bhugol. Mehata Pavalishing House, Pune.
XIII	Varat, Vadavanakar	Krishi Bhuvidnyan. Gaj Prakacan, Ahamadnagar.
VIII	Dr. D.S. Suryawanshi	Krishi Bhugol, Nirali Prakashan, Pune.

Weightage

Unit	Marks
I	20
II	20
III	10
IV	10
V	10
VI	10
VII	10
VIII	<u>10</u>
Total	100

NORTH MAHARASHTRA UNIVERSITY- JALGAON
Syllabus for S.Y.B.A
S-1 GEOGRAPHY OF TOURISM
 [with effect from -June-2008.]

Unit No.	Topic	Sub-Topics	Periods
1	Nature and scope	1.1 Definition 1.2 Nature a) Role of Geography in Tourism b) Importance of Tourism. 1.3 Scope a) Travel and Tourism as basic needs of man. 1.4 Characteristics of Tourism.	08
2	Factors affecting Tourism (Tourist Attractions)	2.1 Physical : a) Relief : Mountains, lakes, Beaches, coasts, Water falls, Hot springs. b) Climate : Hill stations, Health Resorts, c) Vegetation : National parks sanctuaries. 2.2 Cultural : a) Religious & Pilgrimage centres, b) Historical Monuments. c) Archaeological sites. d) Dams & Reservoirs. e) Sport centres.	14
3	Role of Accommodation	3.1 Need of different types of Accommodation. 3.2. Types : Hotels, Motels, Dharmashalas, Tourist Homes, Youth Hostels, Rail-yatri-Bhavans, House boats, Govt. Accommodations, private Accommodations.	12

4	Travel Agencies	<p>A) 1. Definition and History of Travel Agency.</p> <p>2. Functions of Travel Agencies.</p> <p>3. Types of travel Agents & Tour operators.</p> <p>B) Organizational structure of Travel Agencies.</p> <p>1. Department of Domestic & International passenger booking.</p> <p>2. Documentation section.</p> <p>3. Reservation section.</p> <p>4. Visa section</p> <p>5. Sale section</p> <p>C) Department of Tour operation booking</p>	08
5	Impact of Tourism	<p>5.1) Economic impact.</p> <p>a. Tourism as economic activity.</p> <p>b. Effect on foreign exchange.</p> <p>c. Employment generation.</p> <p>d. Concept of economic multiplier</p> <p>e. Increase in revenue.</p> <p>f. Inflation of land values.</p> <p>g. Increase in trading Activity.</p> <p>5.2) Social & Cultural impact.</p> <p>a. Neocolonialism.</p> <p>b. Crime and Gambling Activities.</p> <p>c. Religion, Language and Health</p> <p>d. Tourism and cultural changes.</p>	10

6	Role of Indian Railway and Indian Airlines in the growth of Tourism business.	6.1) Role of Indian Railways in the growth of Tour business. 6.2) Growth, Importance and characteristics of Indian Railways. 6.3) Role of Indian Airlines in promotion of Tourism. 6.4) Growth Importance and characteristics of Indian Airlines.	08
7	Tourism Planning	7.1) Tourism planning in developed and developing countries. 7.2) Components of Tourism planning. a. Programme implementation. b. Evaluation of National Tourism attraction. c. Infrastructural facilities. d. Model of Tourism planning.	
8	Tourism Marketing	a. Concept of Marketing : Tourism product- Attraction and facilities, Accessibility, marketing, characteristics. b. Types of Tourism Marketing vocational Tourism, Business Tourism, common interest tourism. c. Function of Tourism Marketing – Marketing Research, Advertisement, Sales supports, Public relations, Tourism Publications.	08
9	Tourist destination in Maharashtra & India	A) Role of ITDC & MTDC B) Case study of following Tourist centres. 1. Ajanta and ellora. 2. GOA 3. Rajasthan. C) Tourism in konkan.	14

Reference Books

1. The Geography of International Tourism : Ian M. Matley scientific publishers Rat Anacla rood P.Box-91. Jodhpur.
 2. Tourism Development Principles and practice : A.K.Bhatia Sterling publishers, Pvt.Ltd. L10, Green park extension New Delhi.
 3. Tourism in the 21st century. : Editor – G.K.Batra, Anmol publication pvt.ltd. Ansari road Daryagunj – Delhi H..Robinson.
 4. Geographer Tourism : H.Robinson
- Marathi Medium**
5. Paryatan Bhugol : Dr.S.B.Shinde, Phadke Prakashan, Kolhapur
 6. Paryatan Bhugol : A.V.Bhagavat, Murlidhar Prakashan, Pune.
 7. Paryatan Bhugol : K.A.Khatib, Ajab Pustakalaya, Kolhapur.
 8. Paryavaran & Arthik Kriya : Prof.Dr.Shankar G. Chaudhari, Himalaya Publication House, Mumbai
 9. Chala Safarila : Vasanti Houses
 - 10.Maharashtracha Bhugol : Dr.Pandurang Keche.
 - 11.Maharashtracha Bhugol : K.A.Khatib
 - 12.Geography of Tourism : Dr.D.S.Suryawanshi, Pritam Publisher, Jalgaon

Weightages

Unit No.	Marks
I	08
II	16
III & IV	16
V & VI	16
VII & VIII	16
IX	08
Total :-	<u>80</u>

NORTH MAHARASHTRA UNIVERSITY- JALGAON
New Syllabus for S.Y.B.A.
S-2 Practical Geography
Scales, Projections, Cartographic Techniques and Surveying
With effect from -June-2008.

[Workload – 12 Students per batch and 6 periods per week]

Unit No.	Topic	Sub-Topics	Periods
1.	Scales	1.1 Definition of scale a. Methods of representing scales. i. Verbal Scale ii. Numerical Scale iii. Graphical Scale 1.2 Convention of following scales [British and metric system] 1.3 Construction of following scales [only metric system] a. Simple Graphical scale b. Time and Distance scale	12
2	Projection	2.1 Definition of Projection a. Classification of Projection i. Perspective ii. Non-Perspective 2.2 Construction Properties and uses of Projection [Construction by graphical method only] a. Zenithal Projections i. Zenithal Polar Gnomonic Projection. ii. Zenithal Polar Stereographic Projection iii. Zenithal Polar Orthographic Projection b. Conical Projections i. Conical Projection with one standard Parallel ii. Conical Projection with two standard Parallel iii. Bonne's Projection c. Cylindrical Projection i. Cylindrical Equal Area Projection ii. Cylindrical Equai – distance Projection iii. Mercator's projection. 2.3 Choice of projections : Choice of Projections for different purposes and regions.	

Unit No.	Topic	Sub-Topics	Periods
3	Cartographic Techniques	3.1 Combined line and Bargraph 3.2 Divided Circle 3.3 Dot Map 3.4 Choropletn Map 3.5 Star Diagram 3.6 A. Clinograph B. Station model	18
4	Remote sensing and GIS	4.1 Definition and Meaning of Remote sensing, Electromagnetic spectrum a. Types of Remote Sensing b. Aerial Photographs, Land sat Imageries c. Application of Remote Sensing in Geography.	12
5	Surveying	5.1 Definition of Surveying a. Types of surveying i. Geodetic survey ii. Plane survey 5.2 Plane Table survey- Intersection Method (only) 5.3 a.Prismatic compass survey- open traverse b.Kinds of errors in Prismatic compass survey i. Errors due to external influence ii. Instrumental errors iii. Errors of observation c. Conversion of bearings d. Correction of bearings by Bowditch Method [with plotting] 4.4 Dumpy level survey a. Rise and fall method b. Collimation method [minium 5 examples of each methods] 5.5 Indian clinometer [Minimum 5 examples calculating only height of objects]	48
6	Excursion OR Village survey OR Project report	Visit to a place of Geographical interest and submission of its report OR submission of village survey OR Project report.	