

University of Mumbai
Revised Syllabus w.e.f. Academic Year, 2020-21 (CBCS)
S.Y.B.A / B.Sc, Geography
Paper- II Sem- III

Course title- Geography of Maharashtra

COURSE CODE: UAGEO

CREDITS: 03

Objectives			
1. To know the location and administrative environment of the state. 2. To acquaint with the distribution of physical and man-made environment. 3. To analyze the importance, distribution and development of resources. 4. To understand the problems related to physical and man-made environment. 5. To develop the interest in conservation of natural and human environment. 6. To develop the cartographic skills such as map reading and filling. 7. To use the geographic skills and knowledge in day today life.			
UNIT 01	Location, Physiography and Climate		9 Lectures
	1. 1	Maharashtra : location and administrative divisions	
	1. 2	Physiography of Maharashtra	
	1. 3	Major rivers and their tributaries	
	1. 4	Climate – characteristics, distribution of temperature and rainfall	
UNIT 02	Minerals, Energy, Soil and Forest Resources		9 Lectures
	2. 1	Minerals : types and distribution	
	2. 2	Energy resources : conventional and non-conventional	
	2. 3	Soils : types and distribution	
	2. 4	Forest : distribution and uses, biodiversity hotspots	
UNIT 03	Agriculture, Livestock and Fisheries		9 Lectures
	3. 1	Agriculture : characteristics and cropping patterns	
	3. 2	Problems related to agriculture and irrigation	
	3. 3	Livestock : distribution and dairy farming	
	3. 4	Fishing - distribution and importance	
UNIT 04	Industries, Transportation and Market		9 Lectures
	4. 1	Industries : types and distribution, MIDC	
	4. 2	Agro-based industries and related problems	

	4. 3	Transport – distribution and problems	
	4. 4	Types of markets, new trends	
UNIT 05		Practical-Map Filling and Map Reading	9 Lectures
	5. 1	Map Filling : Map of Maharashtra	
	5. 2	Preparation of thematic maps by using statistical diagrams - proportionate circles, proportionate squares and proportionate bars diagrams	
Question Paper Pattern			
	Q.1.	(Unit I)	20 marks
	Q.2.	(Unit II)	20 marks
	Q.3.	(Unit III)	20 marks
	Q.4.	(Unit IV)	20 marks
	Q.5.A	(Unit V)	10 marks
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	Q.5.B.	(Unit V)	10 marks

(Revised Syllabus w.e.f. the academic year 2020-21)

Paper - II Semester – IV

Title: Geography of India

Course code: UAGEO401

Credits: 03

Objectives		
1. To acquaint student with the location, origin and administrative environment of India.		
2. To understand the distribution of physical and man-made environment of the country.		
3. To analyze the relation between physical and man-made environment for resource development.		
4. To criticize and understand the problems of physical and man-made environment.		
5. To develop attitude and interest in conservation of environment.		
6. To develop the cartographic skills such as map reading and filling.		
7. To use the geographic skills and knowledge in competitive exams as well as in day today life.		
Unit I	Location, Physiography and Climate	9 Lectures
1.1	India : origin of Indian subcontinent, administrative divisions	
1.2	Physical divisions	
1.3	Major river basins	
1.4	Climate : seasons; Monsoon - origin, characteristics and distribution	
Unit II	Soils, Minerals and Vegetation	9 Lectures
2.1	Soils - types and distribution	
2.2	Minerals : types and distribution	
2.3	Natural vegetation – types, importance and distribution	
2.4	Conservation of soil, minerals and vegetation	
Unit III	Agriculture, Livestock and Fishing	9 Lectures
3.1	Agriculture – types, characteristics and major crops	
3.2	Green revolution and its impact	
3.3	Livestock resources : types, distribution, white revolution	
3.4	Fishing – distribution of fisheries, blue revolution	
Unit IV	Energy resources, Industries, Transport and Trade	9 Lectures
4.1	Energy resources : types and distribution	
4.2	Industries – types, factors, industrial regions	
4.3	Transport and Communication – types and distribution	
4.4	Domestic and international trade	
Unit V	Practical	9 Lectures
5.1	Map filling (India) – features related to unit I to IV	
5.2	Thematic Map Reading (India) – choropleth, isopleth, dot map, pictogram and flow map	
Question paper pattern		100 marks
Q.1.	(Unit I)	20
Q.2.	(Unit II)	20
Q.3.	(Unit III)	20
Q.4.	(Unit IV)	20
Q.5.A.	(Unit V)	10

Q.5.B.	(Unit V)	10

Semester- III Paper-III
Title: Agricultural Geography
COURSE CODE: UAGEO CREDITS: 03

Objectives		
1. To acquaint student with the importance of agriculture in human civilization.		
2. To understand the physical and man-made factors affects the agriculture.		
3. To know the types and distribution of agriculture in the world.		
4. To analyze the problems and issues of agriculture and suggest remedies to overcome it.		
5. To develop the cartographic skills such as map reading and statistical techniques.		
Unit-I Introduction to Agricultural Geography		Lectures (09)
1.1	Agricultural Geography : definition, nature and scope	
1.2	Origin of agriculture, major gene centers	
1.3	Diffusion of agriculture	
1.4	Agriculture and human civilizations	
Unit-II Determinants of Agriculture		Lectures (09)
2.1	Factors : physical, economic, socio-cultural and political	
2.2	Development of agriculture - role of technology	
2.3	Agricultural land use model of Von Thunen	
2.4	Measurement of agricultural productivity - Bhatia's A. P. Index	
Unit- III Types of Agriculture and Distribution		Lectures (09)
3.1	Primitive, subsistence and commercial : types and distribution	
3.2	Distribution of major crops	
3.3	Livestock resources - distribution	
3.4	Modern trends – horticulture, floriculture, sericulture, polyhouse and organic farming	
Unit-IV Agricultural Problems and Sustainability		Lectures (09)
4.1	Environmental, socio-cultural and economic problems	
4.2	Green revolution, impact of genetic modification of crops	
4.3	Precision agriculture	
4.4	Sustainable agricultural practices	
Unit-V Practical		Lectures (09)
5.1	Map filling related to agriculture in the world	
5.2	Construction of statistical diagrams and graphs: line and bar graph, pie diagrams and band graph	
Question paper pattern		100 marks
Q.1.	(Unit I)	20
Q.2.	(Unit II)	20
Q.3.	(Unit III)	20
Q.4.	(Unit IV)	20
Q.5.A.	(Unit V)	10
Q.5.B.	(Unit V)	10

Objectives 1. To acquaint student with the concept and components of tourism. 2. To understand the distribution of tourism at global and national level. 3. To analyze the physical and man-made environment responsible for resource development. 4. To criticize and understand the problems and impact of tourism physical and man-made environment. 5. To develop attitude and interest in tourism development and conservation of environment. 6. To develop the cartographic skills such as map reading and filling. 7. To use the tourism geographic skills and knowledge in day today life and prepare for competitive exams.		
Unit-I Introduction to Geography of Tourism		Lectures (09)
1.1	Tourism Geography : definition, nature and scope	
1.2	Tourism: concept and importance	
1.3	Types of tourism: conventional and newly emerging	
1.4	Recent trends and patterns of global tourism practices	
Unit-II Tourism Resources, Infrastructure and Impact		Lectures (09)
2.1	Tourism resources : physical and man-made	
2.2	Tourism infrastructure : transport and accommodation	
2.3	Impact of tourism : environmental, economic and socio-cultural	
2.4	Sustainable tourism practices – eco-tourism	
Unit- III Tourism Planning and Management		Lectures (09)
3.1	Tourism planning and management : concept, need and levels	
3.2	Global tourism organizations: U.N. and W.T.O.	
3.3	Role of MTDC and ITDC	
3.4	Role of travel agencies	
Unit-IV Tourism in India		Lectures (09)
4.1	Recent trends of tourism in India	
4.2	Places of attractions ; beaches, hills, bioreserves and water bodies	
4.3	Places of attractions : historical, religious and socio-cultural	
4.4	Tourism challenges and policies in India	
Unit-V Practical		Lectures (09)
5.1	Map filling related to tourism in the world	
5.2	Thematic map reading : proportionate circles, proportionate bars, proportionate squares and pie diagrams	
	Question paper pattern	100 marks
Q.1.	(Unit I)	20
Q.2.	(Unit II)	20
Q.3.	(Unit III)	20
Q.4.	(Unit IV)	20
Q.5.A	(Unit V)	10
Q.5.B	(Unit V)	10