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Item No. – 8.3 (R)

**UNIVERSITY OF MUMBAI**

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**Revised Syllabus for S.Y.B.A. / S.Y.B. Sc. (Geography)**

**Semester - Sem III and IV**

**(Choice Based Credit System)**

**(With effect from the academic year 2022-23)**

**UNIVERSITY OF MUMBAI**



**Syllabus for Approval**

	<b>Heading</b>	<b>Particulars</b>
1	Title of the Course	S.Y.B.A. / S.Y.B. Sc. (Geography)
2	Eligibility for Admission	F.Y.B.A. / F.Y.B. Sc. (Geography)
3	Passing Marks	40%
4	Ordinances / Regulations (if any)	
5	No. of Years / Semesters	Sem-III &IV
6	Level	U.G.
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year 2022-23

Name & Signature of BOS Chairperson : Dr. S.A. Thakur

Name & Signature of Dean:

**UNIVERSITY OF MUMBAI**

**Syllabus for S.Y.B.A / S.Y.B. Sc. Course**

**(Geography) (CBCS)**

**Revised Syllabus w.e.f. the academic year 2022-23**

**Paper – II Semester – III**

**Title: Geography of Maharashtra**

**Course code: UAGEO 301 Credits: 03**

**Course Objectives:**

1. To acquaint student with the location, administrative and physical environment of Maharashtra
2. To make them understand the spatial distribution of various physical conditions of Maharashtra
3. To assess various resources found in Maharashtra
4. To make them understand the problems and measures to develop agricultural, livestock and fisheries resources of Maharashtra.
5. To acquaint students with different cartographic skills such as map reading and map-filling.
6. To provide students an insight to the subject of Geography of Maharashtra from the viewpoint of competitive examination as well as its application in daily life.

<b>UNIT</b>	<b>TOPIC</b>	<b>NO.OF LECTURES</b>
<b>Unit I</b>	<b>Maharashtra: Location, Physiography, Rives and Climate</b>	<b>9 Lectures</b>
1.1	Introduction –Location and its significance	
1.2	Physiographic Divisions of Maharashtra	
1.3	Major Rivers basins of Maharashtra	
1.4	Maharashtra climate –seasons and monsoon distribution	
<b>Unit II</b>	<b>Maharashtra: Soil, Forest, Minerals and Energy Resources</b>	<b>9 Lectures</b>
2.1	Definition of soil-Importance of soil, types of soils, soil related issues and conservation measures.	
2.2	Definition of forest-Importance of Forest, types of forests, forest related issues and conservation of forest.	
2.3	Definition of Mineral- Types of Minerals, mineral related issues and its conservation	

2.4	Define energy resources, types of Energy resources, problems related to energy resources. Need for conservation of energy, measures of energy conservation.	
<b>Unit III</b>	<b>Maharashtra: Agriculture, Livestock and Fishing</b>	<b>9 Lectures</b>
3.1	Definition of Agriculture- Types of agriculture - major agricultural regions-	
3.2	Problems associated with agriculture and solutions	
3.3	Definition of Livestock resources- Distribution of livestock resources. Issues related with livestock resources and solutions	
3.4	Define Fisheries – Types of fisheries - Fishing related issues and its conservation-	

<b>Unit IV</b>	<b>Industrial Regions, Transportation and Communication sector</b>	<b>9 Lectures</b>
4.1	Types and characteristics of Industries (Heavy industries, sugar industry, textile industry and chemical industry)	
4.2	Factors of industrial location -Industrial regions of Maharashtra	
4.3	Definition of Transport and Communication – Types of Transport – Network of Transport Development in Maharashtra	
4.4	Issues related with industrial regions and transport development	

<b>Unit V</b>	<b>Practical</b>	<b>9 Lectures</b>
5.1	Map Filling of important geographical features on outline map of Maharashtra related to units covered with units I to IV	
5.2	Construction of Map – Choropleth, Isopleth, Dot map and Pictogram and Flow map related to units covered with units I to IV	

Question paper pattern		100 marks
Q.1.	(Unit I) Attempt any two questions out of three.	20
Q.2.	(Unit II) Attempt any two questions out of three.	20
Q.3.	(Unit III) Attempt any two questions out of three.	20
Q.4.	(Unit IV) Attempt any two questions out of three.	20
Q.5.A.	(Unit V) Map filling – Maharashtra	10
Q.5.B.	(Unit V) Thematic map- construction	10

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**Revised Syllabus w.e.f. academic Year, 2022-23 (CBCS)**

**S.Y.B.A. / S.Y.B.Sc. (Geography ) Semester- III Paper-III**

**Title: Agricultural Geography**

**COURSE CODE: UAGEO 302**

**CREDITS : 03**

<b>Objectives</b>		
1. To acquaint students with the importance of agriculture in human civilization.		
2. To understand the physical and human factors affecting agriculture.		
3. To know the types of agriculture and its spatial distribution pattern in the world.		
4. To study the issues related with agriculture and suggest remedial measures to overcome them.		
5. To develop and promote the cartographic skills such as map reading and statistical techniques.		
<b>Unit-I Introduction to Agricultural Geography</b>		<b>Lectures(09)</b>
1.1	Definition, nature and scope of Agricultural Geography	
1.2	Origin of agriculture, major gene centers	
1.3	Diffusion and change in agriculture	
1.4	Agriculture and human civilizations in the world	
<b>Unit-II Determinants of Agriculture</b>		<b>Lectures(09)</b>
2.1	Physical and economic factors	
2.2	Socio-cultural and political factors, role of technology	
2.3	Critical appraisal of Agricultural land use model of Von Thunen	
2.4	Measurement of agricultural productivity - Bhatia's Agricultural Productivity Index	

<b>Unit- III Types of Agriculture and Distribution</b>		<b>Lectures (09)</b>
3.1	Types of primitive and subsistence agriculture	
3.2	Types of commercial agriculture,	
3.3	Distribution and trade of major food-grains.	
3.4	Modern trends in industrial crops: horticulture, floriculture, sericulture, polyhouse etc.	
<b>Unit-IV Agricultural Problems and Sustainability of Agriculture</b>		<b>Lectures (09)</b>
4.1	Environmental, socio-cultural and economic problems related with agriculture.	
4.2	Green revolution, Genetic modification of crops and its impact	
4.3	Agricultural policies and programmes	
4.4	Sustainable agricultural practices, importance of organic Farming	
<b>Unit-V Practical</b>		<b>Lectures (09)</b>
5.1	Map filling related to 1 to 4 units on agriculture in world	
5.2	Construction of statistical diagrams and graphs: line and bar graph, pie diagram, band graph representing agriculture information covering units 1 to 4.	
	<b>Question paper pattern</b>	100 marks
Q.1.	(Unit I) Attempt any two questions out of three.	20
Q.2.	(Unit II) Attempt any two questions out of three.	20
Q.3.	(Unit III) Attempt any two questions out of three.	20
Q.4.	(Unit IV) Attempt any two questions out of three.	20
Q.5. A.	(Unit V) Map reading – World Agriculture	10
Q.5. B.	(Unit V) Statistical Diagrams and Techniques	10

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**Syllabus for S.Y.B.A / S.Y.B.Sc Course (Geography (CBCS)**

**(Revised Syllabus w.e.f. the academic year 2022-23)**

**Paper – II Semester – IV Title: Geography of India**

**Course code: UAGEO 401**

**Credits: 03**

**Course objectives:**

1. To acquaint student with the location, administrative and physical environment of the country.
2. To understand the distribution of physical and man-made environment in India.
3. To analyze the relation between physical and man-made environment.
4. To understand the problems, create awareness and promote interest for conservation of environment.
5. To develop the cartographic skills such as map reading and filling.
6. To acquaint student with use of geographic skills and knowledge and prepare them for competitive examination as well as for its implementation in their daily life.

<b>UNIT</b>	<b>TOPIC</b>	<b>NO. OF LECTURES</b>
<b>Unit I</b>	<b>India: Location, Physiography and Climate</b>	<b>9 Lectures</b>
1.1	Location and origin of Indian subcontinent	
1.2	Physiographic divisions of India	
1.3	Major River-basins of India	
1.4	Climate of India: Seasons and Origin and Pattern of Monsoon distribution -	
<b>Unit II</b>	<b>India: Soils, Vegetation and Minerals</b>	<b>9 Lectures</b>
2.1	Soils - types and regional distribution	
2.2	Forest – types, regional distribution	
2.3	Minerals: types and distribution	
2.4	Issues related with soil, forest and mineral resources - Conservation and management of soil, forest and mineral resources.	

<b>Unit III</b>	<b>India: Agriculture, Livestock and Fishery resources</b>	<b>9 Lectures</b>
3.1	Importance and characteristics of Indian agriculture	
3.2	Agriculture types and distribution of major crops-related issues-policies and programmes	
3.3	Livestock resources : types and distribution, white revolution-related issues-policies and programmes	
3.4	Fisheries – types and production, blue revolution- related issues-policies and programmes	
<b>Unit IV</b>	<b>India: Energy resources, Industries, Transport and Trade</b>	<b>9 Lectures</b>
4.1	Energy resources : types and distribution- related issues-policies and programmes	
4.2	Industries – types, location of major industrial regions- related issues and solutions	
4.3	Transport and communication network– types and spatial distribution- issues related and solutions	
4.4	Define trade- types of trade-Domestic and international trade	

<b>Unit V</b>	<b>Practical</b>	<b>9 Lectures</b>
5.1	Map filling (India) – features related to unit I to IV	
5.2	Thematic map reading (India) – Choropleth, Isopleth, dot map and pictogram and flow map	
<b>Question paper pattern</b>		<b>100 marks</b>
Q.1.	(Unit I) Attempt any two questions out of three.	20
Q.2.	(Unit II) Attempt any two questions out of three.	20
Q.3.	(Unit III) Attempt any two questions out of three.	20
Q.4.	(Unit IV) Attempt any two questions out of three.	20
Q.5. A.	(Unit V) Map filling – India	10
Q.5. B.	(Unit V) Map reading – India	10



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Revised Syllabus w.e.f. Academic Year, 2022-23 (CBCS)

S.Y.B.A. / S.Y.B.Sc. (Geography), Semester – IV

Paper – III: Geography of Tourism

COURSE CODE: UGEO-402,

Credit: 03

### Course objectives:

1. To know the nature and scope of Tourism Geography
2. To recognize the significance, recent trends and factors of tourism.
3. To realize the role of infrastructure and travel agency in tourism development
4. To know the importance of planning and organization of tourism
5. To study the impacts of tourism and concept of sustainable tourism
6. To know the policies of tourism and places of tourist interest in India and Maharashtra
7. To be able to mark the precise locations of tourist centres on the map of India
8. To be able to read thematic maps of India to analyse tourism related information

<b>UNIT – I: Introduction to Geography of Tourism</b>		<b>TOTAL NO OF LECTUR ES</b>
<b>1.1.</b>	Tourism Geography: definition, nature and scope	<b>9</b>
<b>1.2</b>	Tourism: Concept, Significance and importance of geography in tourism	
<b>1.3</b>	Types of Tourism- Recent trends in tourism	9
<b>1.4</b>	Factors influencing tourism development -Physical, economical and socio-Political	
<b>UNIT – II: Tourism Infrastructure and Travel Agency</b>		<b>09</b>
<b>2.1</b>	Tourist accommodation: Concept and Types	
<b>2.2</b>	Transport and tourism development – Road, Rail, Water and Air Transport	
<b>2.3</b>	Tourism Organisations: U.N.W.T.O., TAAI, IATO ,I.T.D.C. and M.T.D.C	
<b>2.4</b>	Travel Agency: Features and Functions with reference to documentation	
<b>UNIT – III: Tourism Planning, Impacts and Sustainability</b>		<b>09</b>
<b>3.1</b>	Tourism planning: Need, components and levels	

<b>3.2</b>	Impacts of tourism on economy, society, culture and environment	
<b>3.3</b>	Sustainable tourism: concept and practices	
<b>3.4</b>	Eco-tourism and responsible tourism: concepts and need	
<b>UNIT – IV: Tourism in India with Special Reference to Maharashtra</b>		<b>09</b>
<b>4.1</b>	Places of physiographic attractions in India and Maharashtra: Hill stations, valleys, wild life sanctuaries, islands, beaches etc	
<b>4.2</b>	Places of religious importance in India and Maharashtra	
<b>4.3</b>	Places of cultural importance in India and Maharashtra	
<b>4.4</b>	Recent tourism policy of India and Maharashtra	
<b>UNIT – V: Map-Filling and Thematic Map Reading Practical)</b>		<b>09</b>
<b>5.1</b>	Map-filling on India outline map with reference to tourism	
<b>5.2</b>	India thematic map-reading: located circles	
<b>5.3</b>	India thematic map-reading: located squares	
<b>5.4</b>	India thematic map-reading: located bars	

#### QUESTION PAPER PATTERN

Time: 3 Hours                      Marks: 100

N.B. 1. All questions are compulsory and carry equal marks.

2. Use of Map Stencils is permitted.

3. Draw sketches and diagrams wherever necessary.

Q. 1. One Long-answer Question on

Unit – I of 20 Marks OR

One Long-answer Question on Unit – I of 20 Marks / Two Short-answer Questions on Unit – I of 10 Marks each

Q. 2. One Long-answer Question on Unit – II of 20 Marks

OR

One Long-answer Question on Unit – II of 20 Marks / Two Short-answer Questions on Unit –

I of 10 Marks each

Q. 3. One Long-answer Question on Unit – III of 20 Marks

OR

One Long-answer Question on Unit – III of 20 Marks / Two Short-answer Questions on Unit

– I of 10 Marks each

Q. 4. One Long-answer Question on Unit – IV of 20 Marks

OR

One Long-answer Question on Unit – IV of 20 Marks / Two Short-answer Questions on Unit

– I of 10 Marks each

Q. 5 A) Map-Filling on India Outline Map with reference to Tourism – 10 marks

B) India Thematic Map Reading (Located Circles / Located Squares / Located Bars)

OR

B) India Thematic Map Reading (Located Circles / Located Squares / Located Bars)

(Both thematic maps will show different techniques.)  
Marks

-10

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