

UNIVERSITY OF MUMBAI



**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

	Heading	Particulars
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.

UNIT	TOPIC	NO.OF LECTURES
Unit I	Maharashtra: Location, Physiography, Rives and Climate	9 Lectures
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	
Unit II	Maharashtra: Soil, Forest, Minerals and Energy Resources	9 Lectures
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.	
Unit III	Maharashtra: Agriculture, Livestock and Fishing	9 Lectures
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-	
Unit IV	Industrial Regions, Transportation and Communication sector	9 Lectures
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	

Unit V	Practical	9 Lectures
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

References:

01. Sharma, T.C.: (2013) Economic Geography of India, Rawat Publications.
02. Hussein Majid: (2017) Geography of India, McGraw Hill
03. Oxford Student Atlas for India (2017), Oxford University Press 04 Economic Geography - Johns
04. Environmental Geography – Savindra Singh
05. महाराष्ट्र वाचन सवदि
06. महाराष्ट्र वाचन भूगोल: सी.डी. देशपांडे
07. महाराष्ट्र वाचन भूगोल: बी. अरुणाचलम
08. महाराष्ट्र 2006 : संतोष दासने
09. जनगणना अटलास- महाराष्ट्र सरकार
10. महाराष्ट्र नकाशा वाचन : डॉ. दिक्षित .के.र.
11. Geography of Maharashtra – Jaymala Diddee,
12. Maharashtra : S.R. Jog, V.S. Kale
13. महाराष्ट्रातील जलसंपदा: डॉ.स. वी. ढमढेरे
14. महाराष्ट्रातील नद्या : डॉ.श्रीकांत कार्लेकर
15. महाराष्ट्र ााचा भूगोल – डॉ सुरे श फु ले
16. महाराष्ट्र - सवदी आण के चे
17. महाराष्ट्र ााचे अर्थशास्त्र – दे शपाणांडे एस.एस.

UNIVERSITY OF MUMBAI
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

Course Objectives

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.

Unit-I Introduction to Agricultural Geography		09 Lectures
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	
Unit-II Determinants of Agriculture		09 Lectures
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	
Unit- III Types of Agriculture and Distribution		09 Lectures
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.	
Unit-IV Agricultural Problems and Sustainability of Agriculture		09 Lectures
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	
Unit-V Practical		09 Lectures
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.	
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 reading – World Agriculture	10
Q.5. B.	(Unit V) Statistical Diagrams and Techniques	10

References:

1. Bansil, B. C. (1975): 'Agricultural Problems of India', Delhi.
2. Bayliss Smith, T.P. (1987) : The Ecology of Agricultural Systems. Cambridge University Press, London .
3. Berry, B.J.L. et. al.(1976) : The Geography of Economic Systems. Prentice Hall, New York.
4. Gregor, H.P.: Geography of Agriculture. Prentice Hall, New York, 1970.
5. Grigg, D. (1984): 'An Introduction to Agricultural Geography', Hutchinson Publication, London
6. Grigg, D.B.(1974) : The Agricultural Systems of the World. Cambridge University Press, New York.
7. Hartshorn, T.N. and Alexander, J.W. (1988): Economic Geography. Prentice Hall, New Delhi.
8. Morgan W.B. and Norton, R.J.C. (1971): Agricultural Geography. Methuen, London,
9. Morgan, W. B. and Munton, R. J. C. (1977) 'Agricultural Geography' Methuen, London.
10. Morgan, W.B.(1978): Agriculture in the Third World - A Spatial Analysis. Westview Press, Boulde.
11. Sauer, C. O. (1952): 'Agricultural Origins and Dispersals', American Geographical Journal
12. Sauer, C.O.(1969): Agricultural Origins and Dispersals. M.I.T. Press, Mass, U.S.A.
13. Singh J.(1997): Agricultural Development in South Asia: A Comparative A Study in the Green Revolution Experiences, national Books Organization, New Delhi.
14. Singh, J. and Dhillon, S. S. (1984): 'Agricultural Geography', McGraw Hill, New Delhi.
15. Singh, J. and Dhillon, S.S. (1988), "Agricultural Geography", 2nd edition, Tata McGraw-Hill, NewDelhi
16. Symons, L. (1972): 'Agricultural Geography', Bell and Sons, London
17. Tarrant, J.R.(1974): Agricultural Geography, Problems in Modern Geography Series, John Wiley and Sons.
18. Wigley, G.(1981), Tropical Agriculture: The Development of Production, 4th edition, Arnold, London
19. कृषी भूगोल डॉ. क्षा शवराम ठाकूर, डॉ. राजाराम पाटील, डॉ. सुमेधा धुरी
20. Himalaya Publishing House
21. आर्क भूगोल डॉ. खोए खतीब
22. कृषी भूगोल डॉ. क्षा वृल घोरपरणे पपळापूरणे क्षप & लकणे शन
23. आर्क भूगोल डॉ. क्षा वृल घोरपरणे पपळापूरणे क्षप & लकणे शन
24. भारततीय कृषी क्षा वृल घोरपरणे पपळापूरणे क्षप & लकणे शन
25. भारताचा कृषी भूगोल – डॉ समीर बुटाला क्षाआण पं. पंक्षा वण कोकणे – टे. मॉ. पं. कीकां शन पूणे

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 – IV Title: Geography of India****Course code: UGEO 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.

UNIT	TOPIC	NO. OF LECTURES
Unit I	India: Location, Physiography and Climate	9 Lectures
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 -	
Unit II	India: Soils, Vegetation and Minerals	9 Lectures
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.	
Unit III	India: Agriculture, Livestock and Fishery resources	9 Lectures
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	
Unit IV	India: Energy resources, Industries, Transport and Trade	9 Lectures
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	

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 and pictogram and flow map	
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 – India	10
Q.5. B.	(Unit V) Map reading – India	10

References:

1. Majid Husain – Geography of India
2. Gopal Singh - – Geography of India
3. Khullar D.R.- India – A Comprehensive Geography
4. Singh R.L.- India – A Regional Geography
5. घारपुरे क्षवठुल - भारताचा भूगोल
6. जयकु मार मगर - भारताचा भूगोल
7. माधव पुराक्षणक - भारताचा भूगोल
8. प्रा. सुरे खा पांक्षडत - भारताचा भूगोल
9. डॉ सुभाष चांद्र सारां ग - भारताचा भूगोल
10. डॉ समीर बुटाला –भारताचा भूगोल
11. डॉ.पेडणेकर डॉ आवटी , डॉ बुटाला व इतर – भारताचा आक्षर्थक भूगोल

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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: UAGEO-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

UNIT – I: Introduction to Geography of Tourism		NO. OF LECTURES
1.1	Tourism Geography: definition, nature and scope	9 Lectures
1.2	Tourism: Concept, Significance and importance of geography in tourism	
1.3	Types of Tourism- Recent trends in tourism	
1.4	Factors influencing tourism development -Physical, economical and socio-Political	
UNIT – II: Tourism Infrastructure and Travel Agency		9 Lectures
2.1	Tourist accommodation: Concept and Types	
2.2	Transport and tourism development – Road, Rail, Water and Air Transport	
2.3	Tourism Organisations: U.N.W.T.O., TAAI, IATO ,I.T.D.C. and M.T.D.C	
2.4	Travel Agency: Features and Functions with reference to documentation	
UNIT – III: Tourism Planning, Impacts and Sustainability		9 Lectures
3.1	Tourism planning: Need, components and levels	
3.2	Impacts of tourism on economy, society, culture and environment	
3.3	Sustainable tourism: concept and practices	
3.4	Eco-tourism and responsible tourism: concepts and need	
UNIT – IV: Tourism in India with Special Reference to Maharashtra		9 Lectures
4.1	Places of physiographic attractions in India and Maharashtra: Hill stations, valleys, wild life sanctuaries, islands, beaches etc	
4.2	Places of religious importance in India and Maharashtra	
4.3	Places of cultural importance in India and Maharashtra	
4.4	Recent tourism policy of India and Maharashtra	
UNIT – V: Map-Filling and Thematic Map Reading Practical)		9 Lectures
5.1	Map-filling on India outline map with reference to tourism	
5.2	India thematic map-reading: located circles	
5.3	India thematic map-reading: located squares	
5.4	India thematic map-reading: located bars	

References:

1. Bhatia, A. (2019): “Tourism Development: Principles and Practices”, Sterling Publishers, New Delhi
2. Bhatia, A. (2019): “International Tourism Management”, Sterling Publishers, New Delhi
3. Roday, S., Biwal, A. and Joshi, V. (2018): “Tourism Operations and Management”,

OxfordUniversity Press, New Delhi

4. Swain, S. and Mishra, J. (2018): “Tourism Principles and Practices”, Oxford UniversityPress, New Delhi
5. Goeldner, C. and Ritche, J. (2016): “Tourism: Principles, Practices, Philosophies”, Wiley
6. Nelson, V. (2014): “An Introduction to the Geography of Tourism”, Rawat Publications,Jaipur
7. Lew, A., Hall. C. and Williams, A. (2004): “A Companion to Tourism”, (ed.) Blackwell Publishing
8. Gharpure, V. (2010): “Parytan Bhugol”, (Marathi), Pimpalasure Publications, Nagpur
9. सूयथवांशी ड- पयथटन भूगोल , प्रीतम पब्लिके शन ,जळगाव १० – डॉ .नागतोडे व प्रा पारधी – पयथटन भूगोल
10. डॉ पेडणेकर ,डॉ ठाकूर आक्षण इतर – पयथटन भूगोल – शेठ पब्लिके शन
11. डॉ ठाकूर आक्षण इतर- पयथटन भूगोल – कोकण जीओग्राफर

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 OR 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.) 10 Marks
