

University of Mumbai



AAMS_UGS/ICC /2022-23/67

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Inter-disciplinary Studies is invited to this office circular Nos.UG/238, 239, 240 & 241 of 2017-18 dated 29th September, 2017 relating to the revised syllabus as per the (CBCS) for S.Y.B.A. & S.Y.B.Sc. degree program in Geography (Physical Geography of India) Paper-III (Sem.III), (An Introduction to climatology) Paper-II (Sem.III), (Introduction to Oceanography) Paper-II (Sem. IV) & (Agriculture Geography of India) Paper-III (Sem. IV).

They are hereby informed that the recommendations made by the Ad-hoc Board of Studies in Geography at its meeting held on 1st January, 2022 and subsequently passed in the faculty and then by the Board of Deans at meeting held on 2nd May, 2022 vide item No. 8.3 (R) have been accepted by the Academic Council at its meeting held on 17th May, 2022 vide item No. 8.3 (R) and that in accordance therewith, the revised syllabus of S.Y.B.A. & S.Y.B.Sc. (Geography) Sem. III & IV (CBCS) has been brought into force with effect from the academic year 2022-23. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032
03rd August, 2022


(Dr. Vinod Patil)
I/c REGISTRAR

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty Inter - disciplinary Studies.

A.C/8.3 (R) 17/05/2022

AAMS_UGS/ICC /2022-23/67

03rd August, 2022

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Inter - disciplinary Studies,
- 2) The Chairman, Board of Studies in Geography,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & communication Technology,
- 6) The Co-ordinator, MKCL.


(Dr. Vinod Patil)
I/c REGISTRAR

Copy for information and necessary action :-

1. **The Deputy Registrar, College Affiliations & Development Department (CAD),**
2. **College Teachers Approval Unit (CTA),**
3. **The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),**
4. **The Deputy Registrar, Academic Appointments & Quality Assurance (AAQA)**
5. **The Deputy Registrar, Research Administration & Promotion Cell (RAPC),**
6. **The Deputy Registrar, Executive Authorities Section (EA)**
He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to the above circular.
7. **The Deputy Registrar, PRO, Fort, (Publication Section),**
8. **The Deputy Registrar, Special Cell,**
9. **The Deputy Registrar, Fort Administration Department (FAD) Record Section,**
10. **The Deputy Registrar, Vidyanagari Administration Department (VAD),**

Copy for information :-

1. **The Director, Dept. of Information and Communication Technology (DICT), Vidyanagari,**
He is requested to upload the Circular University Website
2. **The Director of Department of Student Development (DSD),**
3. **The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,**
4. **All Deputy Registrar, Examination House,**
5. **The Deputy Registrars, Finance & Accounts Section,**
6. **The Assistant Registrar, Administrative sub-Campus Thane,**
7. **The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,**
8. **The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,**
9. **P.A to Hon'ble Vice-Chancellor,**
10. **P.A to Pro-Vice-Chancellor,**
11. **P.A to Registrar,**
12. **P.A to All Deans of all Faculties,**
13. **P.A to Finance & Account Officers, (F & A.O),**
14. **P.A to Director, Board of Examinations and Evaluation,**
15. **P.A to Director, Innovation, Incubation and Linkages,**
16. **P.A to Director, Department of Lifelong Learning and Extension (DLLE),**
17. **The Receptionist,**
18. **The Telephone Operator,**

Copy with compliments for information to :-

19. **The Secretary, MUASA**
20. **The Secretary, BUCTU.**

AC – 17/05/2022
Item No. – 8.3 (R)

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

05 Environmental
Geography – Savindra
Singh

०६ महाराष्ट्राचा भूगोल – सवदी

०७. महाराष्ट्राचा भूगोल – सी डी देशपांडे

०८ . महाराष्ट्राचा भूगोल – अरूणाचलम

०९ महाराष्ट्र २००६ – संतोष दासने

१० जनगणना अॅटलास – महाराष्ट्र सरकार

11 Geography of Maharashtra – Jaymala Diddee,

12. Maharashtra : S.R. Jog, V.S. Kale

13 महाराष्ट्रातील जलसंपदा – डॉ स वी ढमढेरे

१४. महाराष्ट्रातील नद्या – डॉ श्रीकांत कार्लेकर

१५ महाराष्ट्राचा भूगोल –डॉ सुरेश फुले

१६ महाराष्ट्र –सवदी व केचे

१७महाराष्ट्राचे अर्थशास्त्र –देशपांडे 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

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	
Lectures(09)	
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	
Lectures(09)	
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	
Lectures (09)	
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	
Lectures (09)	
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	Lectures (09)
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

Reference books:-

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)
'Aggricultural 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 शिवराम ठाकूर व इतर
Himalaya Publishing House

- 20 आर्थिक भूगोल –डॉ खतीब
- 21 कृषी भूगोल – डॉ विठ्ठल धारपूरे
- 22 आर्थिक भूगोल – डॉ विठ्ठल धारपूरे
- 23 भारतीय कृषी विपणन – सवदी व केचे
- 24 भारताचा कृषी भूगोल – डॉ समीर बुटाला व इतर

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: 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.

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 – भारताचा भूगोल – डॉ समीर बुटाला व इतर
- 6 - भारताचा भूगोल – जयकुमार मगर
- 7 - भारताचा भूगोल – माधव पुराणिक
- 8 भारताचा भूगोल – प्रा. सुरेखा पंडित
- 9 - भारताचा भूगोल – डॉ सुभाषचंद्र सारंग
- १०- भारताचा भूगोल – डॉ विठ्ठल घारपुरे
- 11 भारताचा आर्थिक भूगोल – डॉ शिवराम ठाकूर ,डॉ बुटाला, डॉ आवटी व इतर

UNIVERSITY OF MUMBAI

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 (2022-23), 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		TOTAL NO OF LECTURES
1.1.	Tourism Geography: definition, nature and scope	9
1.2	Tourism: Concept, Significance and importance of geography in tourism	
1.3	Types of Tourism- Recent trends in tourism	9
1.4	Factors influencing tourism development -Physical, economical and socio-Political	

UNIT – II: Tourism Infrastructure and Travel Agency		09
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		09
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		09
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)		09
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”, Oxford University Press, New Delhi
4. Swain, S. and Mishra, J. (2018): “Tourism Principles and Practices”, Oxford University Press, 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), Pimpalapur Publications, Nagpur
- 9 पर्यटन भूगोल – सूर्यवंशी , प्रतिम प्रकाशन जळगाव
- 10 – पर्यटन भूगोल – डॉ नागतोडे व प्रा. पारधी
- 11 - पर्यटन भूगोल – डॉ शिवराम ठाकूर , डॉ पेडणेकर व इतर , शेठ प्रकाशन
- 12- पर्यटन भूगोल – डॉ शिवराम ठाकूर व इतर , कोकण जॉग्रोफर्स प्रकाशन

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
