

**SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE****Choice Based Credit System**

(With effect from June 2020)

**S.Y.B.Sc. Syllabus, Semester-III****Geography of Maharashtra (Physical)-I (Paper II)****Course No: GG 232****No. of Credits: 02****No. of hours: 30****Objectives:**

- i. To appraise the students with salient features of the Maharashtra State.
- ii. To familiarize the students with the climatic characteristics of the State.
- iii. To make the students aware of the geographic problems of Maharashtra in the view of sustainable development.

Unit No.	Topic	Sub-Topics	Learning Points	Hour
1.	Introduction to Geography of Maharashtra	Location, Extent, Administrative divisions	<ol style="list-style-type: none"> <li>1. Location &amp; extent of Maharashtra</li> <li>2. Introduction to Maharashtra-Geology, Historical and political background</li> <li>3. Administrative divisions of Maharashtra</li> </ol>	06
2.	Physiography and Drainage of Maharashtra	Major physiographic divisions of Maharashtra  Major rivers of Maharashtra	<ol style="list-style-type: none"> <li>1. Physical Divisions of Maharashtra               <ol style="list-style-type: none"> <li>i. The Konkan Lowland</li> <li>ii. Western Ghat/Sahyadri</li> <li>iii. Maharashtra Plateau (<i>Desh</i>)</li> </ol> </li> <li>2. Major Rivers of Maharashtra               <ol style="list-style-type: none"> <li>i. East flowing rivers: Godavari, Krishna and Bhima</li> <li>ii. West flowing rivers- Tapi, Purna and Konkan rivers</li> </ol> </li> </ol>	08
3.	Climate	Characteristics and Seasons	<ol style="list-style-type: none"> <li>1. Characteristics of climate in Maharashtra</li> <li>2. Temperature and rainfall distribution in Maharashtra</li> <li>3. Importance of monsoon in Maharashtra</li> </ol>	08

4.	Soils and Natural Vegetation in Maharashtra	Soil: Types and distribution  Soil degradation  Methods of soil conservation   Vegetation: Types and distribution   Methods of forest conservation	A) Soils: 1. Types and distribution of Soils in Maharashtra 2. Problems of soil erosion and salinization: causes and effects 3. Methods of soil conservation: a) Afforestation b) Soil management c) Crop rotation d) Construction of dam 4. Role of Government in soil conservation in Maharashtra B) Natural Vegetation: 1. Types and distribution of forest in Maharashtra 2. Deforestation: Definition, meaning, causes and effects 3. Methods of Forest conservation a) Reforestation and afforestation b) Prevention of forest fire c) Social forestry and Tree Plantation d) Agroforestry 4. Role of Government in forest conservation in Maharashtra	08
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### Reference Books:-

1. Arunachalam B., (1967), Maharashtra – A study in Physical and Regional Setting, Sheth and Co., Mumbai.
2. Bhamare, S.M., (2013). Geography of Maharashtra, Prashant Publication, Jalgaon.
3. Dasatane S., (1992). Glimpse of Maharashtra. Dasatane Ramchandra and Co., Pune.
4. Deshpande, C. D., (1971). Geography of Maharashtra. National Book Trust, New Delhi.
5. Diddee, J., et al. (2002). Geography of Maharashtra, Rawat Publication, Jaipur.
6. Dixit, K.R., (1986). Maharashtra in Maps. Maharashtra State Board for Literature and Culture Mantralaya, Bombay (Mumbai).
7. Gadgil G. and Deshpande A., (1988), Maharashtra- Problems, potentials and prospects., Somaiya Publications, Mumbai.
8. Magar Jaykumar (2001). Bharatacha Bhugol. Vidya Publishers, Nagpur. (Marathi)
9. Patil, S. B., (2019). Geography of Maharashtra, Prashant Publication, Jalgaon.
10. Sarang Subhashchandra, (1997). Maharashtracha Bhugol, Vidya Prakashan, Nagpur. (Marathi)
11. Savadi, A.B., (2020). The Mega State -Maharashtra. Nirali Prakashan, Pune.
12. Singh, R. L., (2012). India: A Regional Geography, National Geographical Society of India (NGSI), Banaras.