

**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography - Semester- III**  
**Paper-III: Physical Geography of India**  
**COURSE CODE: UAGEO 302 (2017-18), Credit - 3**

<b>Unit-I: Introduction of India</b>		<b>09 (lectures)</b>
1.1	India: Location , extent and significance	
1.2	India: Major physiographic divisions and their formation	
1.3	Mountainous region of India	
1.4	North Indian plains	
1.5	Peninsular plateau of India	
1.6	Coastal plains and islands of India	
<b>Unit-II: Drainage and Climate</b>		<b>09 (lectures)</b>
2.1	Drainage System in India (Himalayan and Peninsular drainage system )	
2.2	Major Himalayan rivers of India	
2.3	Major Peninsular Rivers of India	
2.4	Major lakes of India	
2.5	Seasons in India	
2.6	Distribution of rainfall in India	
<b>Unit-III: Soils and Natural Vegetation</b>		<b>09 (lectures)</b>
3.1	Classification of soils of India	
3.2	Problems associated with soils and its remedies in India	
3.3	Classification of Forest in India	
3.4	Importance of Forest in Indian context	
3.5	Deforestation and measures of forests conservation in India	
<b>Unit-IV: Mineral and Power Resources</b>		<b>09 (lectures)</b>

4.1	Distribution of Metallic Minerals in India: Iron ore, manganese, bauxite, copper and other important minerals	
4.2	Distribution of Non-Metallic Minerals in India: Mica, limestone, gypsum, clay and other important minerals	
4.3	Distribution of Power Resources : Coal, mineral oil and natural gas, thorium and uranium	
4.4	Depletion and conservation of minerals and power resources in India	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	Map filling: Showing geographical features in the Map of India (Related to physiography)	
5.2	Map Scale – Types, Conversion and drawing	

**Reference books:-**

1. Deshpande C.D. (1992): India: A Regional Interpretation, Northern Book Centre, New Delhi.
2. Bharucha, F.R. (1983): A text book of the plant geography of India, Oxford University Press, Bombay.
3. Dikshit, K.R.(1991): Environment, Forest Ecology and man in the Western Ghats-The Case of Mahabaleshwar Plateau, Rawat Publications, New Delhi.
4. Forest Survey of India: State Forests Reports, Dehradun.
5. Khullar, D.R. (2014): India: A Comprehensive Geography; Kalyani Publishers
6. Miller, R.W. et al. (1995): Soil in Our Environment, Prentice hall, U.S.A.
7. Raychudhari, S.P.(1958): Soils of India, ICAR, New Delhi
8. Robinson, F (ed.) (1989): The Cambridge Encyclopedia of India, Pakistan, Bangladesh and Sri Lanka,Cambridge University Press.
9. Savindra Singh (2006) : Physical Geography of India ; Pravalika Publications, Allahabad.
10. Sharma T.C. ( 2013) Economic Geography of India; Rawat Publications, New Delhi.

11. Shinde P. ; Pednekar H. et.al. (2010): Introduction to Geography, Sheth Publishers Pvt.Ltd., Mumbai.
12. Shinde P. ; Pednekar H. et.al. (2011): Economic Geography of India, SYBA paper II Sheth Publishers , Pvt.Ltd., Mumbai
13. Singh, R.L. (1971): India-A Regional Geography, National Geographical Society of India, Varanasi.
14. Tirth, R (1996): Geography of India, Rawat Publications, Jaipur.
15. Majid Hussain (2014, 5<sup>th</sup> edition): Geography of India, McGraw Hill Education (India) Private Ltd, Uttar Pradesh..

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**Question Paper Pattern**  
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**Paper-III: Physical Geography of India**

<b>Duration: 3 hours</b>		<b>Marks: 100</b>	
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.			
Q. 1	<b>Practical, Unit - V</b>		
	5.1		10 Marks
	5.2		10 Marks
Q. 2	Unit-I		20 Marks
<b>OR</b>			
Q.2	Unit-I		20 Marks
Q. 3	Unit-II		20 Marks
<b>OR</b>			
Q. 3	Unit-II		20 Marks
Q. 4	Unit-III		20 Marks
<b>OR</b>			
Q. 4	Unit-III		20 Marks
Q. 5	Unit-IV		20 Marks
<b>OR</b>			
Q. 5	Unit-IV		20 Marks