

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: UGEO 302 (2017-18), Credit - 3

Unit-I: Introduction of India		09 (lectures)
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	
Unit-II: Drainage and Climate		09 (lectures)
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	
Unit-III: Soils and Natural Vegetation		09 (lectures)
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	
Unit-IV: Mineral and Power Resources		09 (lectures)

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	
Unit-V: Practical Component		09 (lectures)
5.1	Map filling: Showing geographical features in the Map of India (Related to physiography)	
5.2	Map Scale – Types, Conversion and drawing	

Scheme of Examination

The performance of the learners will be evaluated into two Components. One component will be the Internal Assessment component carrying 25% marks and the second component will be the Semester-wise End Examination component carrying 75% marks. The allocation of marks for the Internal Assessment and Semester End Examinations will be as shown below:-

a) Internal Assessment – 25%

25 Marks

For Courses without Practical

Sr. No.	Particulars	Marks
1	One class test*	20 Marks
2	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

*Not

e:

Question Paper Pattern for Periodical Class Test for Courses at UG Programmes

Written Class Test (20 Marks)

1.	Match the Column / Fill in the Blanks/ Multiple Choice Questions (1 Marks each)	05 Marks
2.	Answer in One or Two Lines (Concept based Questions) (1 Mark each)	05 Marks
3.	Answer in Brief (Attempt Any Two of the Three) (5 Marks each)	10 Marks

b) Semester End Examinations – 75%

75

Marks

EXTERNAL ASSESSMENT-75 Marks

Time: 2 & 1/2 hours Marks: 75

All questions are compulsory

Q.1 Practical (Unit -V:15 marks)

Q.2 Unit 1 (15 marks) or Q.2 Unit 1 (15 marks)

Q.3 Unit 2 (15 marks) or Q.3 Unit 2 (15 marks)

Q.4 Unit 3 (15 marks) or Q.4 Unit 3 (15 marks)

Q.5 Unit 4 (15 marks) or Q.5 Unit 4 (15 marks)

(Q.2 to Q.5 may be divided into two sub question - one sub question of 8 marks and another sub question will be of 7 marks OR Q.2 to Q.5 may be asked fully as a long answer question of 15 marks)

Passing Standard

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e.10 out of 25) in the Internal Assessment and 40% marks in Semester End Examination (i.e.30 Out of 75) separately, to pass the course and minimum of Grade E to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

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, 5th edition): Geography of India, McGraw Hill Education (India) Private Ltd, Uttar Pradesh..

Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)
S.Y.B.A./ S.Y.B.Sc. Geography, Semester- IV
Paper-III: Agriculture Geography of India
COURSE CODE: UAGEO401 (2017-18) Credit - 3

Unit-I: Introduction to Agricultural Geography		09 (lectures)
1.1	Definition, nature and scope of agricultural geography	
1.2	Approaches: regional approach, systematic approach, commodity approach, recent approaches	
1.3	Importance of agriculture in Indian economy	
1.4	Factors influencing agriculture in India	
1.5	India a agro-product exporting country	
Unit-II: Introduction to Indian Agriculture		09 (lectures)
2.1	Salient features of Indian agriculture	
2.2	Types of farming in India	
2.3	Major crops of India	
2.4	Agro- climatic regions of India	

2.5	Problems associated with Indian agriculture (Natural, Socio-Economic and Political)	
Unit-III: Green Revolution in India		09 (lectures)
3.1	Introduction of Green Revolution in India	
3.2	Components of Green Revolution	
3.3	Positive impacts of Green Revolution	
3.4	Negative impacts of Green Revolution	
3.5	Need for sustainable agriculture in India	
3.6	Agriculture in drought prone region and watershed management	
Unit-IV: Recent Trends in Agriculture		09 (lectures)
4.1	White revolution and livestock resources,	
4.2	Genetic engineering, tissue culture and horticulture	
4.3	Poly house agriculture	
4.4	Agro processing in India	
4.5	Agro-tourism	
4.6	Agro forestry	
Unit- V Practical Component		09 (lectures)
5.1	Interpretation/ question- answer on thematic maps related to agriculture of India (NATMO and other)	
5.2	Drawing of Statistical Diagrams and Graphs: Simple line graphs, multiple line, simple bar, compound bar and band graph	

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Marks**

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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. Mathuen, 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. The Hindu (2006): Survey of Indian Agriculture 2006. New Delhi.
19. Wigley, G.(1981), Tropical Agriculture: The Development of Production, 4th edition, Arnold, London