

**SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY, NANDED.**

SYLLABUS

GEOGRAPHY

B.A. THIRD YEAR

Semester Pattern

With Effect From June, 2015

Geography

B.A. Third Year

w.e.f. June 2015

Semester	Paper No.	Title of the Paper	Marks			Period per week	Duration of Exmination
			External	Internal	Total		
V	XI	Geography of India, Part-I	40	10	50	04	2 Hrs.
	XII	Development of Geographical Thought Part-I OR Agricultural Geography	40	10	50	04	2 Hrs.
V & VI	XIII	Practical Geography	50	-	50	03 per batch	3 Hrs.
VI	XIV	Geography of India, Part-II	40	10	50	04	2 Hrs.
	XV	Development of Geographical Thought Part-II OR Political Geography	40	10	50	04	2 Hrs.
V & VI	XVI	Practical Geography	50	-	50	03 per batch	3 Hrs.

Teaching work load will be of **four** periods for theory and **six** periods (3+3) for practical.

Internal examination pattern for theory paper : **Test=05** marks and **tutorial=05** marks.

- 1) Strength of students for each practical batch for each paper shall not be more than **fifteen (15)**
- 2) Submission of certified journal and tour visit report is compulsory.
- 3) Students shall not be allowed for practical examination without certified journal.
- 4) Total periods for each theory paper shall be **60** per semester.
- 5) Total periods for each practical paper of **50** marks shall be 90 per year per batch
- 6) Practical examination will be held in **sixth** semester.
- 7) There is no internal marks for practical papers.

B.A. Third Year
Semester – V
Paper – XI
Geography of India : Part-I

Unit I :

20 Periods

India in the context of south-east & south Asia. India a land of diversities; unity with diversity. Physical regions of India, Drainage systems of India.

Unit II :

20 Periods

Regional and seasonal variations of climate. The monsoon, western disturbance, nor-westerns. Climatic regions of India.

Unit III :

20 Periods

Soil type of India – Their distribution and characteristics, vegetation types and distribution. Forests, water, minerals and power resources-The status of their use and need for conservation.

Suggested Readings :

1. Deshpande, C.D. : India : A Regional Interpretation, Northern Book Center, New Delhi 1992.
2. Farmer, B.H. : An introduction to South Asia Methuen, London, 1983.
3. Govt. of India : India-References Annual 2001, Pub.Div., New Delhi, 2001.
4. Govt. of India : National Atlas of India NATMO Publications, Calcutta.
5. Govt. of India : The Gazetteer of India, Vol.1 & 3 Publication Division, New Delhi, 1965.
6. Learmonth, A.T.A.: Man and Land of South Asia, Concept, New Delhi.
7. Mitra, A. : Levels of Regional Development in India-Census of India-Vol.2 (A) (1) & (2) New Delhi, 1987.
8. Routray, J.K. : Geography of Regional Disparity, Asian Institute of Technology, Bangkok, 1993.

9. Shafi, M. : Geography of South Asia- Mc Millan & Co. Calcutta, 2000.
10. Singh R.L. : Indian : A Regional Geography : National Geographical Society India, Varanasi, 1971.
11. Spate, OHK & Learmonth A.T.A. : India & Pakistan – Land People & Economy-Methuen & Co.London, 1967
12. Wadia, D.N. : Geography of India- McMillan & Co.London.
13. Sharma T.C. : Economic & Commercial Geography of India – Vikas Publication House, New Delhi
14. डॉ.एस.टी.शेटे : भारताचा भूगोल, अभिजीत प्रकाशन, लातूर
डॉ.के.बी.कनकुरे व ईतर
15. केचे पांडुरंग : भारताचा भूगोल, पिंपळापूरे प्रकाशन, औरंगाबाद.

B.A. Third Year
Semester – V
Paper – XII
Development of Geographical Thought: Part-I

Total Periods : 60

Unit I : **20 Periods**
Brief History of Geographical thought- Greek, Roman, Arab, Indian

Unit II : **20 Periods**
Contribution of modern Geographers.
I) British – Halford John Mackinder, Sir Dudley Stamp
II) German – Alexandar Von Humbolt, Carl Ritter
III) French-Vidal-de-la-Blache, Jean Brunches
IV) American-W.M. Davis, Richard Hartshorne

Unit III : **20 Periods**
Major concepts in geography
I) Determinism
II) Possibilism
III) Neodeterminism

Suggested Reading :

- 1) Adhikari Sudepta : Fundamentals of Geographic Thought-
Chaitanya Publishing House, Allahabad
(1972)
- 2) Dickinson, R.E. : The Makers of Modern Geography Routledge &
Keganpaul, London (1969)
- 3) Dixit R.D. (1999) : Development of Geographic Thought Longmans
India Limited. 1999.
- 4) Free Man. T.W. : Geography as Social Science, Harper
International Edition, Harper & Row
Publishers, New York (1965).
- 5) डॉ.कौशिक : भौगोलिक विचारधाराएँ एवं विधीतंत्र
- 6) डॉ.मामोरिया एवं जैन : भौगोलिक चिंतन एवं तीन दक्षिणी महाद्विप
- 7) डॉ.बी.जी.वेळापूरकर : भौगोलिक विचारधाराचा विकास
डॉ.के.बी.कनकुरे : संध्या प्रकाशन, उदगीर जि.लातूर
डॉ.एच.बी.राठोड
प्रा.वसंत उगाडे
- 8) डॉ.के.बी.कनकुरे : भौगोलिक संकल्पना, अरूणा प्रकाशन, लातूर
डॉ.मानकरी
संतोष मंगनाळे
- 9) सु.द.शिंदे : आधुनिक भूगोलाचा विकास
- 10) मोहन गुळवे : राजकीय भूगोल, कैलास पब्लिकेशन औरंगाबाद

B.A. Third Year
Agricultural Geography
Paper No. XII (OR Paper)

Unit I : **15 periods**

- a. Definition, nature and scope of agricultural geography
- b. Approaches to study agricultural geography.
- c. Origin and evolution of agriculture

Unit II : **15 periods**

Determinants of Agricultural Landuse

- a. Physical determinants
- b. Socio-economic determinants
- c. Technological determinants

Unit III : **15 periods**

- a. Methods of Agricultural regionalization, Crop concentration, Crop diversification, agricultural productivity.
- b. Von-Thunen's Theory of agricultural location
- c. Recent modification in Von-Thunen's model

Unit IV : **15 periods**

Major issues in Indian Agriculture

- a. Green revolution
- b. White revolution
- c. Environmental degradation

Reference

- 1) Symons : Agricultural Geography
- 2) Morgan & Munton : Agricultural Geography
- 3) Mamoria C.B. : Geography of India
- 4) Noor Mohammad : Perspective in Agricultural Geography
- 5) Majid Husain : Agricultural Geography
- 6) Dr.Jainendra Kumar : Landuse Analysis
- 7) Patil B.A. : Horticulture
- 8) तिवारी सिंह : कृषी भूगोल, प्रयाग पुस्तक भवन, इलाहाबाद
- 9) चंद्रशेखर यादव : कृषी भूगोल, विश्वभारती पब्लिकेशन, नई दिल्ली
- 10) नेगी बी.एस. : संसाधन भूगोल, केदारनाथ-रामनाथ, नई दिल्ली
- 11) दाते -सौ.दाते : सुगम शेती भूविज्ञान
- 12) देशमुख पी.जी. : भारतीय फळझाडांची लागवड
- 13) सवदी-केचे : कृषी भू-विज्ञान
- 14) फुले सुरेश : कृषी भूगोल

B.A. Third Year
Semester – V & VI
Paper No. XIII
Practical Geography

Unit I :

Total periods : 90

Projection, Definition, Classification and construction (By Graphical method only). Properties and use of the following projections.

- i) Zenithal Polar Gnomonic projection
- ii) Zenithal Polar equal area projection
- iii) Conical Projection with one standard parallel.
- iv) Bonne's Projection
- v) Cylindrical Equal area projection
- vi) Marcator's Projection

Unit II :

Statistical Methods :

- a) Measurement of central tendencies – Mean, Median and Mode in simple, discrete and continuous series.
- b) Measurement of deviations - Quartile, Mean and Standard deviation and their co-efficient, in simple, discrete and continuous series.

Unit III :

Journal and Viva-voce

Suggested Reading :

- 1) Sing and Singh : Mapwork and Practical Geography
- 2) Singh L. & Dutta P.K. : Elements of Practical Geography- Kalyani Publishers, New Delhi 1979.
- 3) Hammod & Mc Gullah : Quantitative Techniques in Geography
- 4) Croxton & Cowden : Applied General Statistics
- 5) Sarkar, A. : Practical Geography – A Systematic Approach – Orient Longman Calcutta, 1997.
- 6) Khan Z.A. : Text Book of Practical Geography
- 7) डॉ.नागतोंडे / डॉ.लांजेवार : नकाशाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे अँड कं. पब्लिशर्स, नागपूर.
- 8) महाजन वाय.आर. : सांख्यिकी, पिंपळापूरे प्रकाशन,नागपूर
- 9) डॉ.कनकूरे, डॉ.मानकरी/रमेश मुगावे : प्रात्यक्षिक भूगोल, अरूणा प्रकाशन, लातूर.

B.A. Third Year
Semester – VI
Paper No. XIV
Geography of India: Part-II

Unit I :

15 Periods

Spatial distribution of population and density, Socio-economic implications of population explosion, urbanization & changing nature of Indian economy.

Unit II :

15 Periods

Agricultural growth during the plan period, Green revolution Vis-à-vis traditional farming.

Unit III :

15 Periods

Industrial development and Indian economy, Industrial regions of India and their industrial structure. Composition of domestic and international trade.

Unit IV :

15 Periods

Contemporary issues – regional disparity in social and economic development, poverty, population explosion, globalization, social & ethnic tension, gender discrimination and empowerment of women.

Reference Book :

Suggested Readings :

1. Deshpande, C.D. : India : A Regional Interpretation, Northern Book Center, New Delhi 1992.
2. Farmer, B.H. : An introduction to South Asia Methuen, London, 1983.
3. Govt. of India : India-References Annual 2001, Pub.Div., New Delhi, 2001.
4. Govt. of India : National Atlas of India NATMO Publications, Calcutta.
5. Govt. of India : The Gazetteer of India, Vol.1 & 3 Publication Division, New Delhi, 1965.
6. Learmonth, A.T.A.: Man and Land of South Asia, Concept, New Delhi.

7. Mitra, A. : Levels of Regional Development in India- Census of India-Vol.2 (A) (1) & (2) New Delhi, 1987.
8. Routray, J.K. : Geography of Regional Disparity, Asian Institute of Technology, Bangkok, 1993.
9. Shafi, M. : Geography of South Asia- Mc Millan & Co. Calcutta, 2000.
10. Singh R.L. : Indian : A Regional Geography : National Geographical Society India, Varanasi, 1971.
11. Spate, OHK & Learmonth A.T.A. : India & Pakistan – Land People & Economy-Methuen & Co.London, 1967
12. Wadia, D.N. : Geography of India- McMillan & Co.London.
13. Sharma T.C. : Economic & Commercial Geography of India – Vikas Publication House, New Delhi
14. डॉ.एस.टी.शेटे : भारताचा भूगोल, अभिजीत प्रकाशन, लातूर
डॉ.के.बी.कनकुरे व ईतर
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**B.A. Third Year
Semester – VI
Paper No. XV
Development of Geographical Thought : Part-II**

Unit I : **20 Periods**
Major concepts in geography
i) Concept of region
ii) Concept of Spatial organization

Unit II : **20 Periods**
Approaches in Geography
i) Systematic Approach
ii) Regional Approach
iii) System Approach
iv) Quantitative Approach
v) Behavioral Approach
vi) Radical Approach

Unit III : **20 Periods**
Models in Geography : Significance, need, features and general classification of models.

Suggested Reading :

- 1) Lawrence, G.R.P.: Cartographic Methods, Methuen London, 1968.
- 2) Monkhouse, F.H. & Winkinson, H.r. : Maps and diagrams -, Methuen London, 1994.
- 3) Rabinson, A.H. : Elements of Cartography-John Wiley and Sons U.S.A. 1995.
- 4) Archer, J.E. & Daltan, T.H. : The Fieldwork in Geography Batsford Limited London, 1968.
- 5) Steers, J.A. : Maps Projections, University of London Press, London.
- 6) डॉ.मामोरिया एवं जैन : भौगोलिक चिंतन एवं तीन दक्षिणी महाद्विप
- 7) डॉ.बी.जी.वेळापूरकर : भौगोलिक विचारधाराचा विकास
डॉ.के.बी.कनकुरे : संध्या प्रकाशन, उदगीर जि.लातूर
डॉ.एच.बी.राठोड
प्रा.वसंत उगाडे
- 8) डॉ.के.बी.कनकुरे : भौगोलिक संकल्पना, अरूणा प्रकाशन, लातूर
डॉ.मानकरी
संतोष मंगनाळे
- 9) सु.द.शिंदे : आधुनिक भूगोलाचा विकास
- 10) मोहन गुळवे : राजकीय भूगोल, कैलास पब्लिकेशन औरंगाबाद

B.A. Third Year
Semester – VI
Paper No. XV (OR Paper)
Political Geography

Unit I : **15 Periods**

Introduction

- a. Definition, nature and scope of Political Geography.
- b. Recent development of Political Geography.
- c. Significance of Study of Political Geography.

Unit II : **15 Periods**

Geographic elements of the state

- a. Physical elements
- b. Cultural elements
- c. Economic elements

Unit III : **15 Periods**

Themes in political Geography

- a. State, nation, nation-state and nation building
- b. Frontier, boundaries and core areas.
- c. Capitals : Classification and function.

Unit IV : **15 Periods**

Global strategic views

- a. A.T. Mahan's Sea Base Power
- b. Halford Mackinder's Heartland Theory
- c. Spykman's Theory of Rimland

Reference Books :

- 1) Wighert, W.H. & Others : Elements of Political Geography – Appleton Century Croys Inc. New York.
- 2) Prescott, J.R.V. : Political Geography, Methuen, London
- 3) Muir, R. : Modern Political Geography, McMillan, London.
- 4) भट्टाचार्य-आच्छा : राजनीतिक भूगोल, राजस्थान हिंदी ग्रंथ अकादमी, जयपूर
- 5) सक्सेना : राजनीतिक भूगोल - रस्तोगी पब्लिकेशन, मेरठ
- 6) मगर जयकुमार : राजकीय भूगोल, विद्या प्रकाशन, नागपूर
- 7) मोहन गुळवे : राजकीय भूविज्ञान, कैलास पब्लिकेशन औरंगाबाद
- 8) भागवत अ.वि. : राजकीय भूगोल
- 9) वेळापूरकर, कणकुरे, राठोड, उगाडे : भौगोलिक विचारधारा, अभिजीत पब्लिकेशन, लातूर

B.A. Third Year
Semester – V & VI
Practical Geography
Paper No. XVI

Unit I :

Total periods : 90

Surveying

- 1) Chain-tape Survey-open and close traverse.
- 2) Plane table survey-intersection method-open and close traverse.
- 3) Prismatic compass survey-open and close traverse. Bowditch method with correction of bearing. Conversion of bearing. Whole circle bearing to quadrant bearing & Vice versa.

Unit II :

Anatomy and Application of computer in Geography

Unit III :

Excursion or village survey report or part of city, town survey report.

Unit IV :

Journal and Viva-voce

Suggested Reading :

- 1) Sing and Singh : Mapwork and Practical Geography
- 2) Singh L. & Dutta P.K. : Elements of Practical Geography-
Kalyani Publishers, New Delhi 1979.
- 3) Hammod & Mc Gullah : Quantitative Techniques in Geography
- 4) Croxton & Cowden : Applied General Statistics
- 5) Sarkar, A. : Practical Geography – A Systematic
Approach – Orient Longman Calcutta,
1997.
- 6) Khan Z.A. : Text Book of Practical Geography
- 7) डॉ.नागतोंडे / डॉ.लांजेवार : नकाशाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे अँड कं.
पब्लिशर्स, नागपूर.
- 8) महाजन वाय.आर. : सांख्यिकी, पिंपळापूरे प्रकाशन,नागपूर
- 9) डॉ.कनकूरे, डॉ.मानकरी/रमेश मुगावे : प्रात्यक्षिक भूगोल, अरूणा प्रकाशन, लातूर.

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