

2017-2018  
M.A. Geography

DEVI AHILYA VISHWAVIDYALAYA, INDORE  
2016-17 Onwards

Class- M.A. \ M.Sc. Previous GEOGRAPHY

Semester I

I Geomorphology	85+15 CCE
II Economic Geography	
III Geography of India (Physical & Resources)	
IV History of Geographical thought	
Practical Geography - 1	50
Practical Geography - 2	50

Semester II 2017-2018

I Climatology	85+15 CCE
II Resource Management	
III Geography of India (Economy & Regions)	
IV Geography of Environment	
Practical Geography - 1	50
Practical Geography - 2	50

2017-18 Onwards ✓

Semester III (Final)

I Oceanography	85+15 CCE
II Urban Geography	
III Geography of Tourism	
IV Agricultural Geography	
Practical Geography . 1	50
Practical Geography . 2	50

Semester IV

I Research methodology in Geography (Complutory) 85+15 CCE


Optional Papers (Any three) 2017-2018

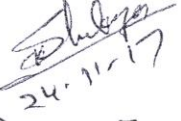
1. Remote sensing Technique
2. Geography of Population
3. Regional Planning and development
4. Bio-Geography
5. Geography of Health
6. Geography of Manufacturing
7. Political Geography.


Internship/Project (Compulsory)

Practical - I

Practical - II

  
24.11.2017  
(डॉ. सुनील कुमार बघेल)

  
24.11.17  
(डॉ. के. डी. शिवक्य)

  
24/11/17  
(डॉ. संजय सोरनी)

Presentation - 15  
Viva-voce - 15

रमेश र. भुगोल

DEVI AHILYA VISHWAVIDYALAYA, INDORE

~~2015-16~~ Onwards

SEMESTER . II

2017-18

**M.A. / M Sc. PREVIOUS**

PAPER I. - Climatology

MARKS 85+15 CCE

Unit I Nature and scope of climatology and its relationship with meteorology.  
Composition, mass and structure of the atmosphere.

Unit II Insolation heat balance of the earth, green house effect; vertical and horizontal distribution of temperature.

Unit III Atmospheric motion: Forces controlling motion of air vertical motion, local winds, jet stream. monsoon winds, El Nino , cyclones, General circulation in the atmosphere.

Unit IV Atmospheric moisture: Humidity, evaporation, condensation, precipitation: formation, types , acid rain, world pattern of precipitation.

Unit V Climatic classification of Koppen, and Thornwaite, Major Climates of the world- tropical , temperate, desert and mountain.

**Suggested Readings.**

Berry, B.J.L. and Chorley, P.J. Atmosphere weather and climate, routledge , London and new york, 1993

Critchfield , J.S. General climatology prentice Hall , India, 1993

Peterson, Introduction to meteorology McGraw Hill Book London, 1969

Lal, D.S. Climatology chaitanya publication, Allhabad, 1986

Shubya  
24/11/17

(डॉ. के.डी. शॉक्य)

Drp  
24/11/17

(डॉ. रंजय सोहनी)

Drp

(डॉ. एस एस वघेल)

DEVI AHILYA VISHWAVIDYALAYA, INDORE

2015-16 Onwards

SEMESTER . II

2017-18

**M.A. / M Sc. PREVIOUS**

PAPER . II

**Resource Management**

MARKS 85+15 CCE

Unit . I

Meaning, nature Approaches and classification of resources, Theories of resources.

Unit . II

Resource appraisal . methods and techniques, land evaluation . concept and methods. Human Resources. Population pressure on land resources. Population policies.

Unit . III

Resource allocation, concept, methods and techniques; Perspectives of resource development ; Conservation of resources : meaning, and approaches special reference to water, forest, mineral & Soil.

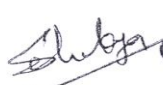
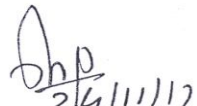

Unit . IV

Concept of resource management, difference between resource development, conservation and management. status of common property resources : Kashmir, Katchh, India China boundary & India Banaladesh boundary disputes. Brahmputra. Kosi. Kaveri & Narmada river disputes.

Unit . V

Use and misuse of resources : global and Indian scenario, resource development policies in India.(Water, forest, mineral & Soil). Environmental perception in resource management, natural hazards and risk management; sustainable resource management.Uses of Gis & Remote sensing in resource management.

Suggested Readings :

  
( डॉ. डे.डी.शौक्य )   
( डॉ. संजय मोहन )   
( डॉ. एन.ए. बघेल )

1. Burton, I. And R.W. Kates : Readings in Resource Management and Conservation. Chicago Univ. Press. 1965
2. Chorley, R.J. ed. : Water, Earth and Man, Methuen, London, 1969
3. Cook, R.U. & J.C. Doornkamp : Geomorphogy in Environmental Management. Oxford, 1973.
4. Dawson J.A. & J.C. Doornkamp, eds : Evaluating the Human Environment. Edward Arnold, London, 1965.
5. Firey, W.I. Man, Mind and Lan : A Theory of Resource Use. Free Press, Glencoe, 1960.
6. F.A.O. of U.N. : A Framework for Land Evaluation. Soil Bullet 32, Rome, 1979.
7. Holechek, J.L. et al : Natural Resources : Ecology, Economics and Policy. Prentice Hall, New Jersey, 2000.
8. Kates, R.W. & I. Burton, eds : Geography Resources and Environment ; Vol. I & II. University of Chicago Press, Chicago 1986.
9. Maritino, R.L. : Resource Management. Mc Graw Hills, London 1969.
10. Mitchell, Bruce : Geography and Resource Analysis. Longman, London, 1979
11. Owen, S. & P.L. Owens : Environment Resource & Conservation. Cambridge University Press, New York 1991.

DEVI AHILYA VISHWAVIDYALAYA, INDORE

2015-16 Onwards

SEMESTER . II

२०१७-१८

**M.A. / M Sc. PREVIOUS**

PAPER . III

**Geography of India: Economy and Regions**

MARKS 85+15 CCE

Unit-I

Economy ; An overview of Indian economy and impact of globalization on it. Cultivated lands- land use patterns, major crops and problems of agriculture.

Unit-II

Technological development in agriculture- Green revolution and its consequences; productivity of agriculture . determinents and pattern: agricultural regionalization of India.

*Shelaja*  
24/11/17

( डॉ. के.डी. शांकर )

*Om*  
24/11/17

( डॉ. संजय सोरनी )

*Sh*

( डॉ. एस. एस. वषेट )

### Unit III

Industry- industrial development; and overview; locational factors and spatial pattern of major industries in India . iron and steel , engineering goods, textiles, chemicals , cement, sugar and paper; industrial regions of India.

### Unit IV

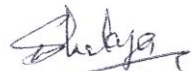
Transport and trade : Development of transport network, different mode of transport and their significance, internal and international trade of India- composition and change

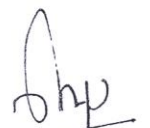
### Unit V

Regions of India . Basis of regional Classification : macro, meso and micro-regional division of India by OHK - Spate and R.L. Singh ; detailed study of Narmada Basin , Malwa plateau , Bundelkhand upland, Chhatisgarh Basin and Marusthali .

### Suggested Readings :

- 1 Das P.K. : The Monsoon. The National book Trust of India, New Delhi.
- 2 Deshpande, C.D. : India . A Regional Interpretation, Northern Book Centre, New Delhi.
- 3 Mukerjee, A.B. & A. Azazuddin India . Culture, Society & Economy, Inter India New Delhi.
- 4 Singh Jagdish ;India, Gyanoday Gorakpur
- 5 Singh R.L., ed. India . A Regional Geography, N.G.S. India Varanasi. 1971
- 6 Tiwari R.C. Geograhpy of India Allahabad : Prayag Pustak Bhawan, 2003
7. अग्रवाल पी.सी. भारत का भूगोल एशिया प्रकाशन कम्पनी रायपुर  
8.. तिवारी विजय कुमार : भारत का भूगोल, हिमालय पब्लिकेशन, मुम्बई 2000
9. बंसल सुरेश चन्द्र : भारत का वृहद भूगोल, मीनाक्षी प्रकाशन, मेरठ
10. तिवारी, विश्वनाथ—भारत का भौगोलिक स्वरूप राम प्रसाद एण्ड सन्स ।
11. प्रमिला कुमार, मध्यप्रदेश : एक भौगोलिक अध्ययन, मध्यप्रदेश हिन्दी ग्रंथ एकादमी, भोपाल ।
12. सिंह जगदीश : भारत का भूगोल, ज्ञानोदय प्रकाशन, गोरखपुर ।

  
24/11/17

  
24/11/17



( डॉ. के. जी. शांकर ) ( डॉ. संजय सोरनी ) ( डॉ. एस. एस. बघेल )

DEVI AHILYA VISHWAVIDYALAYA, INDORE

2015-16 Onwards

SEMESTER . II

2017-18

**M.A. / M Sc. PREVIOUS  
PAPER . IV  
Geography of Environment**

MARKS 85+15 CCE

Unit . I

Environment : Meaning, definition, concepts and theories related to environment. Components of Environment: Classification and their interdependent relationship.

Unit- II

Development of the environmental studies and their approaches. Development of Environmentalism in Geography. Environment and Development.

Unit . III

Ecological concepts : Ecosystem : meaning, definition, concept and components. Main terrestrial ecosystems of the world . forests and agriculture. Geography as human ecology.

Unit- IV

Environmental hazards . natural and man induced hazards.

Unit- V

Environmental pollution: meaning, definition, nature and types . air, water, noise and Soil.

**Suggested Readings :**

1. Agarwal, Anil and Sunita Narain, Dying Wisdom : The Fourth Citizen Report. Center for Science and Environment, New Delhi, 1998.
2. Burton, I. ; R.W. Kates & G.F. Whiley. The Environment as Hazards. O.U.P. New York, 1978.

*Shelby*  
24/11/17

*Shp*  
24/11/17

*Sh*  
24-11-2017

( डॉ. के. जी. शाक्य ) ( डॉ. रंजय सोहनी ) ( डॉ. एस. एस. बंधेकर )

3. Cartledge, Bryen, Population and the Environment., O.U.P. New York 1995.
4. Chandna, R.C. : Environmental Awareness. Kalyani Publishers, New Delhi, 1998.
5. Dawson, J. and J.C. Doornkamp, eds. : Evaluating the Human Environment. Edward Arnold, London 1975
6. Detwyler, J.R. : Man.s Impact on Environment. Pelican, 1970.
7. Edington, J.M. & M.A. Edington : Ecology and Environmental planning. Chapman & Hall, London 1977.
8. Goudie, Andrew. The Human Impact on The Natural Environment. 9. Blackwell oxford. U.K. 1994.
10. Jain, R.K. L.V. Urban and G.S. Stacy. Environmental Impact Analysis . A New Dimension in Decision . Making. Van Nostrand Reinhold Co. New York, 1977.
11. Khosho, T.N. Environmental Concepts and Strategies. Ashish Publishing House, New Delhi.
12. Khanna, B.K. All you wanted to know about Disasters. New Delhi : India Publishing Agency 2006.
13. Mohan, M. Ecology and Development. Rawat Publications, Jaipur, 2000.
14. Munn, R.E. Environmental Impact Assessment : Principles and Procedures. John Wiley & Sons, New York, 1979.
15. Narain Sunita. The Citizen Fifth Report. Centre for science and Environment, New Delhi, 2003.
16. Mukerji A. and V.K. Agnihotri. Environment and Development. Concept Pub. Co., New Delhi, 1993.
17. Rudig, Wolfgang. Environmental Policy. Edward Elger Publishing Ltd, U.K. 1998.
18. Saxena, H.M. Environmental Geography. Rawat Publications. Jaipur, 2000
19. Saxena, H.M. Environmental Management. Rawat Publications. Jaipur, 2000
- 20- अवस्थी एन एम एवं आर पी तिवारी पर्यावरण भूगोल मध्यप्रदेश हिन्दी ग्रन्थ अकादमी, भोपाल, नेगी, पी एस पारिस्थितिकीय विकास एवं पर्यावरण भूगोल रस्तोगी एण्ड कम्पनी, मेरठ, 1995
21. रघुवंशी अरुण और चन्द्रलेखा रघुवंशी पर्यावरण तथा प्रदूषण मध्यप्रदेश हिन्दी ग्रन्थ अकादमी, भोपाल 1989।
22. सविन्द्र सिंह पर्यावरण भूगोल प्रयोग पुस्तक सदन इलाहाबाद
23. नेगी, पी.एस. पारिस्थितिकीय विकास एवं पर्यावरण भूगोल, रस्तोगी एण्ड कम्पनी, मेरठ
24. तिवारी विजय कुमार – पर्यावरण पारिस्थितिकी हिमालय पब्लिकेशन, दिल्ली – 1998

*Shelby*  
24/11/17

*Jnp*  
24/11/17

*Sh*  
24/11/17

( डॉ. के डी शॉक्य ) ( डॉ रंजय मोहनी ) ( डॉ एस एस वषेट )

DEVI AHILYA VISHWAVIDYALAYA, INDORE

2015-16 Onwards

SEMESTER . II

2017-18

**M.A. / M Sc.**

**Practical Geography -I**

**Unit I**

Relief Profile Methods of Slope analysis. Hypsographic Curve.

**Unit II**

Block diagrams.

**Unit III**

Computer Cartography, Mapping & diagrams techniques.

**Unit IV**

Geological Maps – terminology & interpretation

**Unit V**

Survey by Indian tangent clinometer, Abney Level and sextant .

Schme of Marks

1 Hour Field work - 10

2 Hour Lab work - 25

Record Viva - 15

SEMESTER . II

**M.A. / M Sc. PREVIOUS**

**Practical Geography -II**

Marks; 50


Village Survey & Report Writing


Schme of Marks


Report - 20

Presentation - 15

Viva - 15

  
24/11/17  
(डॉ. के.डी. शर्मा)

  
24/11/17  
(डॉ. संजय सोलंकी)

  
24/11/17  
(डॉ. रमेश रस बघेल)