



## DEPARTMENT OF GEOGRAPHY

**University College of Social Sciences & Humanities**

**Mohanlal Sukhadia University, Udaipur, Raj. - 313001**

Proposed Scheme of Courses in Geography

**M. A. / M. Sc. Geography: Annual 2015-16**

### **M. A. / M. Sc. Previous**

Paper I	: Geographical Thoughts
Paper II	: Advanced Physical Geography
Paper III	: Economic & Resource Geography
Paper IV	: Advanced Geography of India
Practical - I	: Advanced Cartography
Practical - II	: Air-Photo Interpretation and Remote Sensing

### **M. A. / M. Sc. Final**

Paper I	: Agricultural Geography
Paper II	: Political Geography
Paper III	: <b>Elective: Any one of the following</b>
III A.	: Regional Development and Planning
III B.	: Urban Geography
III C.	: Population and Settlement Geography
III D.	: Cultural Geography
Paper IV	: <b>Elective: Any one of the following</b>
IV A.	: Industrial Geography
IV B.	: Transport Geography
IV C.	: Environmental Geography
IV D.	: Social Geography
Practical - I	: Surveying & Leveling
Practical - II	: GIS & Digital Cartography

Notes:

1. There will be four theory papers and two practicals of 100 marks each.
2. Use of map stencils (outline of political boundaries only), Log Tables and simple function calculators are allowed in the examination.
3. There will be 16 hours theory teaching per week and 12 hours practical teaching per week. Each practical batch will comprise of 20 students.
4. A common Practical Test Paper of three hours duration will be held along with the main theory examination.
5. The Practical Test Paper will be set and evaluated by External Examiner in the line of theory papers.
6. Each theory paper of three hour duration will be divided into five units and three categories of questions will be set from each unit as per following distribution:

Sections	Questions		Marks	Distribution of Questions
	To be Asked	To be Attempted		
1. Very Short (20-50 Words Answers)	10	10	20	Proportionately from each Unit with internal choice
2. Short Answers (250 words)	10	5	40	
3. Analytic/Descriptive Answers (500 words)	5	2	40	
Total	25	17	100	

7. The practical exercises, record work and viva-voce examination shall be conducted by an external examiner in consultation with the internal examiner and shall be conducted in two days.

8. Special notes for M. A. Previous Practical Examinations:

- i. The Cartographic record work should contain 18 exercises drawn on one fourth of the full drawing sheet.
- ii. The Quantitative Methods record work should contain 30 exercises.
- iii. The internal examiner for M.A. (P) practical examinations will be common for both the Cartography and Quantitative Methods.
- iv. Cartography practical exercises shall be of three hours duration. Candidate will be required to attempt any three exercises out of six.

9. Special notes for M. A. previous Practical Examinations of Air Photo Interpretation & Remote Sensing:

- i. Practical exercise shall be of three hours duration and of 20 marks and candidates will be required to attempt any 2 exercises out of 4.
- ii. The identification of objects (at least 10) on the satellite imagery and air photo pairs shall be of 30 minutes duration and will carry 5 marks.

10. Special note for M. A. Final Practical Examinations of Computer Applications:

- i. Practical exercise shall be of three hours duration comprising of two tests and candidates will be required to attempt any 4 exercises out of 6 on the systems.

11. Special note for M. A. Final Practical Examinations of Surveying:

- i. Practical exercise shall be of three hours duration based on the practical working on each instruments with following distribution of marks:

Instrument	Exercise	Marks	Timing (Minutes)
a. Plane Table	Resectioning	10	35
b. Theodolite	Measurement of angle between two distant points	5	10

c. Dumpy Level	Measuring level difference between two distant points	5	10
d. Clinometer	Measuring heights of and level difference between two distant points	5	10
e. Tacheometer	Measuring distance of any distant point	5	10

12. Special notes with regard to for M. A. Final Examinations:

- i. A student who obtained 55 per cent marks in the aggregate on successful completion of all the courses prescribed in M. A. Previous may be permitted to work on dissertation in lieu of any one of the optional papers of M. A. Final.
- ii. The topic and the synopsis of the work are to be got approved by the Departmental Committee.

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**M.A. / M.Sc. (Previous) Geography  
Paper - I: Evolution of Geographical Thought**

**Unit - I**

**Philosophy of geography and geography during ancient and medieval period:**

- a) Philosophy, definition and nature of geography; scope and purpose of geography.
- b) Brief study of Greek and Roman scholars.
- c) Geographical concept in ancient India.
- d) The dark age of geography.
- e) The Arab period.

**Unit - II**

**The beginning of modern geography:**

- a) Contribution of Bernhardus Varenius.
- b) Contribution of Immanuel Kant.
- c) Impact of Darwinian Theory on geographical thoughts.
- d) Contribution of Alexander von Humboldt.
- e) Contribution of Carl Ritter.

**Unit - III**

**Major school of thoughts and their contribution:**

- a) Main characteristics of German school of thoughts and contributions of Friedrich Ratzel, Alfred Hettner and Ferdinand von Richtofen.
- b) Main characteristics of French school of thought and contributions of Paul Vidal de la Blache and Jean Brunhes.
- c) Main characteristics of American school of thought and contributions of W.M. Davis, Richard Hartshorne, and Carl O. Sauer.
- d) Main characteristics of British school of thought and their contribution to geography.
- e) Main characteristics of contemporary Indian geographical teaching and research.

**Unit - IV**

**Major conceptual trends in geography:**

- a) The study of man-land relationship: environmental determinism, possibilism and neo-determinism.
- b) Geography as chorological science and areal differentiation.
- c) Geography as morphology of landscape.
- d) Dichotomies in geography: physical v/s human and systematic v/s regional geography.
- e) Dichotomies in geography: qualitative v/s quantitative approach, analysis v/s synthesis approach.

**Unit - V**

**Issues related to explanations in geography:**

- a) General ideas of hypothesis, theories and laws in geography.
- b) Forms of explanations in geography.
- c) Exceptionalism in geography and the Schaefer-Hartshorne debate.
- d) Impact of positivism and scientific method in geography.
- e) Behaviouralism, humanism and radicalism in geography.

**Suggested Readings:**

1. Abler, Ronald F. et al, Geography's Inner Worlds: Pervasive Themes in Contemporary American Geography, Routledge, New Jersey, 1992.
2. Ali, S.M., Arab Geographers, Institute of Islamic Studies.

3. Ali, S.M., The Geography of Puranas, People's Publishing House, New Delhi.
4. Dikshit R.D., Geographical Thought: A Contextual History of Ideas, Prentice Hall of India Pvt. Ltd. 2000.
5. Dikshit R.D., The Art and Science of Geography: Integrated Readings, Prentice Hall of India, New Delhi, 1994.
6. Dohrs, F.E. and Sommers, L.W. (eds.) Introduction to Geography, Thomas Y. Crowell Co., New York, 1967.
7. Fischer, E. et al, A Question of Place: The Development of Geographic Thought, R.V. Beatty Ltd., Arlington, 1967.
8. Ruson, R.H., A Geography of Geography: Origins and Development of the Discipline, W.M.C. Brown Company.
9. Hartshorne, Richard, The Nature of Geography, Association of American Geographers, Lancaster, Pennsylvania, 1939.
10. Hartshorne, Richard, Perspective on the Nature of Geography, RandMcNally and Co., Chicago, 1959.
11. Harvey, M.E. and B.P. Holly (eds.), Themes in Geographic Thought, Rawat Publications, Jaipur, 1999.
12. Husain, Majid, Evolution of Geographical Thought, Rawat Publications, Jaipur, 1984.
13. Mandal, R.B. and V.N.P. Sinha, Recent Trends and Concepts in Geography (three volumes), Concept Publishing Company, New Delhi.
14. Peet, R., Modern Geographical Thought, Blackwell, Oxford, 1998.
15. Prasad, H., Research Methods and Techniques in Geography, Rawat Publications, Jaipur.
16. Raza, Moonis, A Survey of Research in Geography, ICSSR, New Delhi.
- 17<sup>प</sup> जैन, एस.एम.: भौगोलिक चिन्तन का विकास (साहित्य भवन,आगरा)
- 18<sup>प</sup> कौशिक, एस.डी: भौगोलिक विचाराधारा एवं विधि तंत्र (रस्तोगी प्रकाशन, मेरठ)
- 19<sup>प</sup> माथुर एवं जोशी: भौगोलिक विचाराधाराओं का इतिहास (आर.बी.एस. पब्लिशर्स, जयपुर)
- 20<sup>प</sup> सिंह, जे.:भौगोलिक चिन्तन के मूलाधार (वसुन्धरा प्रकाशन, नई दिल्ली)
- 21<sup>प</sup> सिंह, यू.:भौगोलिक चिन्तन का विकास (..... पब्लिशर्स, नई दिल्ली)