

M.A./M. Sc. GEOGRAPHY
SEMESTER IV (2018-19)

M.A./M.Sc. Geography Semester IV shall consist the following papers:

S. No.	Paper	Title	M. M.		
			Written	Int. Ass.	Total
1.	XVI	Health of Geography <i>Geography of Health</i>	80	20	100
2.	XVII	Agricultural Geography	80	20	100
3.	XVIII (A)	Geographical Information System	80	20	100
	OR	OR			
4.	XVIII (B)	Environmental Geography	80	20	100
	XIX	Field Work (Physical and Socio-Economic)	---	---	100
5.	XX	Practical-IV: Geographical Information System and Quantitative Techniques	---	---	100

- The M.A./M.Sc. Semester IV examination in Geography shall consist of 500 marks.
There shall be three theory papers and one Field Work report each of 100 marks and one practical of 100 marks as follows.

S. No.	Paper	Title
1.	XVI	: Health of Geography <i>Geography of Health</i>
2.	XVII	: Agricultural Geography
3.	XVIII (A)	: Geographical Information System
	OR	
	XVIII (B)	: Environmental Geography
4.	XIX	: Field Work (Physical and Socio-Economic)
5.	XX	: Practical-IV: Geographical Information system and Quantitative Techniques

- The theory papers shall be of three hours duration.
- Candidates will be required to pass separately in theory and practical examinations.
- Candidates will be required to submit their Field Report in three copies in hard

bound at least one hundred pages for Valuation.

5.

(a) In the practical examination the following shall be the allotment of time and marks.

(i) Practical record 20%

(ii) Lab work (up to Four hours) 70%

(iii) Viva on i. & ii. above 10%

(b) The external and internal examiners shall jointly submit marks.

(c) All the candidates shall present at the time of the practical examination their practical record regularly signed by the teachers concerned.

PAPER XVI (2018-19)

GEOGRAPHY OF HEALTH

UNIT – I Nature, scope and significance of Health Geography, Development, specialization and relation with other science. Geographical factors effecting human health and diseases; Physical factors, Social factors, Economics factors and Environmental factors.

UNIT – II Disease Ecology and epidemiology, Basis of Classification of disease; genetic, biological, occupational and deficiency diseases, International Classification of diseases (ICD); Communicable and non-communicable diseases, WHO Classification of diseases, pattern of world distribution of major diseases, transmission of major diseases: cholera, malaria, tuberculosis, hepatitis, leprosy, cardiovascular, Asthma, fever, jaundice, arthritis, diabetic, BP, eye disease, anemia, Mental Disease, Cancer, AIDS and STDS. Diffusion and Causes of diseases. disease differential by seasons.

UNIT – III Nutrition and deficiency disease: Food stuffs and their nutritional contents and human requirements, concept of balanced Diet, hunger and malnutrition. Deficiency disorders and problems of malnutrition in India. Changing pattern of food habits in India and originates new health problem, regional distribution of food habits in India.

UNIT – IV Health Care Planning: Role of Health Programmes in the eradication of various diseases, their preventive and promotive aspects. International level; WHO, UNICEF, Red Cross, National Level; Government and NGOs, Health care planning and polices; availability, accessibility and utilization of health care services, Primary Health Care (PHC); spatial inequalities in health care services in India, Family Welfare, immunization, Reproductive Child health programmes, AIDS/HIV control programme, Health Care Delivery Systems, Allopathic, Ayurvedic and Traditional health card systems of India.

SUGGESTED READINGS:

1. Banerjee, B. and Hazra J. : Geo-Ecology of Cholera in West Bengal, University Calcutta, Calcutta 1980.
2. Cliff, A and Haggett, P.: Atlas of Disease Distribution. Basil Blackwell, Oxford, 1989.
3. Digby, A, and Stewart. L. (eds.) : Gender, Health and Welfare. Routledge, New York 1996.
4. Hazra, J. (ed.) Health Care Planning in Developing Countries. University of Calcutta, Calcutta 1996.
5. Learmonth A.T.A. : Patterns of Disease and Hunger. A Study in Medical Geography David & Charles, Victoria. 1978
6. May, J.M. Studies in disease Ecology. Hafner Pub., New York, 1961.
7. May. J.M. Ecology of Human Disease. M.D. Pub. New York 1959.
8. May, J.M. : The World Atlas of Diseases, Nat. Book Trust, New Delhi, 1970.

9. Mc. Glashan, N.D. : Medical Geography, Methuen, London. 1972.
10. Narayan, K.V.: Health and Development- Inter-Sectoral Linkages in India, Rawat Pub., Jaipur, 1997.
11. Phillips, D.R. : Health and Health Care in the Third world. Longman, London, 1990.
12. Pyle, G. : Applied Medical Geography. Winston Halsted Press, Silver Springs, Md, U.S.A.1979.
13. Rais, A. and Learmonth, A.T.A. (eds) : Geographical Aspects of Health and Diseases in India, Concept Publishing Company New Delhi, 1985.
14. Shannon, G.M. et. al : The Geography of AIDS, Guilford Press. New York. 1987.
15. Smith, D. : Human Geography - A Welfare Approach, Arnold Heinemann, London 1997.
16. Sochin, A. A. : Fundamentals of Medical Geography, Dept. of Army Tran, M.J. 5264, Washington D.C. 1968.
17. Stamp, L.D.: The Geography of Life and Death. Cornell University, Ithaca, 1964.