

BHARATHIAR UNIVERSITY: COIMBATORE 46
M.PHIL/Ph.D - GEOGRAPHY
PART I – PAPER III Syllabus (Effective from the academic year 2013-2014 onwards)
MEDICAL GEOGRAPHY

Unit - I :

Nature, scope and significance of Medical geography. Development of medical - its distinction from medical science.

Geographical factors affecting human health and diseases : Physical factors-(relief, climate, soils and vegetation), Environmental factors- (urbanization and congestion, water, air and noise, pollution and solid waste), Economic factors-(food and nutrition occupation and standard of living), Social factors- (population density, literacy, social customs and poverty).

Unit - II :

Classification of diseases: genetic, communicable and non-communicable; occupational diseases.

The Concept of Nutrition and Human Health. Deficiency disorders and problems of mal-nutrition in India

WHO classification of diseases, World distribution of major diseases

Unit - III :

Transmission of major diseases: cholera, malaria, tuberculosis

Respiratory diseases, cardiovascular diseases, Diabetes, Hepatitis, Cancer, AIDS.

Diffusion of diseases and causes for the same.

Unit - IV :

Health-care planning: International level -WHO, UNICEF, Red Cross

National level-Government and NGOs,

Health Care Planning and Policies ; Health care delivery system; Inequalities in health care services in India;

family welfare, immunization, national disease eradication, and Health for All programmes

Unit - V :

India- Population growth and development and related health issues.

Environment and diseases. Epidemic and Endemic diseases.

Emerging and Reemerging Diseases, Health and Longevity.

Environmental Hazards and Human Health – A Global Perspectives

Suggested Readings

1. Cliff, A. and Haggett, P. : Atlas of Disease Distribution. Basil Blackwell, Oxford, 1989.
2. Hazra, J. (ed.): Health Care Planning in Developing Countries. University of Calcutta, Calcutta, 1997.
3. Learmonth A.T.A. : Patterns of Disease and Hunger. A Study in Medical Geography. David & Charles, Victoria, 1978.
4. May, J.M.: Studies in Disease Ecology, Hafner Pub., New York, 1961.
5. May, J.M.: Ecology of Human Disease, M.D. Pub., New York, 1959.
6. May, J.M.: The World Atlas of Diseases, Nat. Book Trust, New Delhi, 1970.
7. Mc. Glashan, N.D. : Medical Geography, Methuen, London, 1972.
8. Narayan, K.V.: Health and Development- Inter-Sectoral Linkages in India. Rawat Pub., Jaipur, 1997.
9. Phillips, D.R. : Health and Health Care in the Third world. Longman, London, 1990.
10. Pyle, G. : Applied Medical Geography. Winston Halsted Press, Silver Springs, Md, U.S.A., 1979.
11. Rais, A. and Learmonth, A.T.A.: Geographical Aspects of Health and Diseases in India.
12. Shannon, G.M. et. al : The Geography of AIDS. Guilford Press, New York, 1987.
13. Sochin, A.A: Fundamentals of Medical Geography, Dept. of Army Tran, M.J. 5264, Washington D.C, 1968.
14. Stamp, L.D.: The Geography of Life and Death. Cornell University, Ithaca, 1964.

HUMAN AND CULTURAL GEOGRAPHY

Unit - I :

Introduction: Nature and scope of cultural geography; Components of culture; Man-environment relationship, Cultural evolution of man.

Geography and culture; Major cultural realms of the world.

Unit - II :

Cultural Diversity: Bases of cultural diversity-race, religion and language. Cultural diversity in the world, cultural diversity and regionalization in India. Ethnic groups and tribal groups-in the world and in India. Races of mankind; Religions: origin, diffusion and spatial distribution
Language families

Unit - III :

Population distribution: density and growth -World patterns and their determinants;
India population distribution, density and growth profile, Concepts of under population and over population.

Unit - IV :

World Population composition: Population composition of India.

Population movement: Major migrations of the world, Migration and cultural diffusion.

Unit - V :

Patterns of livelihood: various economic activities & cultural adaptations; agriculture, industrialization and modernization; technological changes and their geographic implications.
Cultural changes in the recent age.

Suggested Readings:

1. Ahmad, Aijazuddin, Social Geography, Rawat Publication, New Delhi, 1999
2. Broek, J.C. and Webb, J.W: A Geography of Mankind, McGraw Hill, New York, 1978.
3. Crang, Mike: Cultural Geography, Routledge publications, London,1998.
4. De Blij. H.D. Human Geography. John Wiley and son, New York
5. Fellmann Jerome, Getis A and J Getis; Human Geography; Wm.C.Brown,USA,1990
6. Hazra, (ed.), Dimensions in Human Geography, Rawat Publication, Jaipur, 1997.
7. Husain, Majid; Human Geography; Rawat Publications, 1994.
8. Mahmood, Shama, An Introduction to the History of the World, Dorling Kindersley, India, 2012
9. Massey, et.al (ed), Human Geography Today, Polity Press, Cambridge, 1999.
10. Mukherjee, A.B. and Aijazuddin, A: India: Culture, society and Economy, Inter-India Publication, New Delhi, 1985.
11. Prakasa, Rao, V.L.S., Urbanisation in India; Spatial Dimensions, Concept Publishing Co., New Delhi 1983.
12. Rubenstein J.M; An Introduction to Human Geography ; McMillan, New York,1992.