

PAPER:**GEOGRAPHY****(100 MARKS)****Part –I (Marks 50)**
Physical Geography

- I. Factors controlling landform development; endogenic and exogenic forces; origin and evolution of the earth's crust; physical conditions of the earth's interior; geosynclines; continental drift; isostasy; sea-floor spreading; plate tectonics; mountain building; volcanicity; earthquakes; concepts of geomorphic cycles; landforms associated with fluvial, arid, glacial, coastal and Karst cycle; groundwater.
- II. Elements and Factors of climate, structure and composition of atmosphere, insolation, temperature, Pressure belts of the world; Heat budget of the earth; Atmospheric circulation: planetary, monsoon and local winds; Air masses and Fronts; Hydrological cycle; Types of condensation and precipitation; Factors of global distribution of precipitation.
- III. Origin of oceans and seas, Characteristic features of the ocean basins, temperature, salinity distribution cause and effects, Ocean floor deposits, their characteristics and classification, Ocean circulation, Waves, currents and tides, their nature, causes and effects.
- IV. Factors of climate and Environmental change. Transformation of nature by man; environmental degradation and conservation; Nature and Types of pollution. Problems caused by pollution, Global Warming, Global Environment Patterns, Environmental Hazards and Risk Management.

Part –II (Marks 50)
Human Geography

- V. Origin and Diffusion of Culture, Geographic patterns of culture, Classification of Languages, World Distribution of Languages, Indo-European Languages, Origins of Religions, Diffusion of Religions, Global Distribution, Regional conflicts, Ethnicities and Nationalities, Ethnic Conflicts, Ethnic Diversity in the World, Factors of Ethnic Cleansing, Ethnic Cleansing in the World, Development Indicators, Economic Indicators, Social Indicators, Health Indicators, Development through Trade, Impacts of development Indicators.
- VI. Factors effecting Agriculture, Subsistence Agriculture and population growth, Commercial Agriculture and Market Forces, Sustainable Agriculture, Types and Distribution of Agriculture, Factors of Industrial locations, The Industrial Revolution, Industrial Theories, Distribution of Industries and Industrial Estates, Renewable Resources, Recycling Resources, Sustainable resources.
- VII. Factors of Population Growth, Components of Change, Population Structure, The Demographic Transition, World distribution of Population, Over and under Population threats and their consequences, Models of Internal Structure of Cities, World Urban Patterns, Settlement Theories, Patterns and Problems within urban areas.

VIII. Politics, Geography and Political Geography, State as a Politico-Territorial Phenomenon, State, Nation and the Nation-State, World Politics and International Relations, Geopolitics of uneven Development and Globalization of Capital, Geography of Tourism and Recreation, The demand for tourism and recreation, The supply for tourism and recreation, The impact of tourism and recreation: (Socio-economic impacts, Physical-environmental impacts), Global patterns in health and diseases, Models in medical geography, Recent issues and developments.

SUGGESTED READINGS

| S.No. | Title | Author |
|-------|---|---|
| 1. | Discovering Physical Geography 2nd ed. Hoboken:John Wiley & Sons, Inc. | Alan F. Arbogast (2011). |
| 2. | Introducing Physical Geography. Hoboken: John Wiley & Sons | Alan Strahler, (2011). |
| 3. | Atmosphere, Weather and Climate (7th ed.). London: Clays St. Davis. | Barry, R. (1998). |
| 4. | Meknight's Physical Geography A Landscape application 10 th ed PHI Learning, New Delhi. | Darrel Hess (2012). |
| 5. | Text Book of Population Geography, Random Publications, New Delhi. | Dr. Martin Ardagh (2013). |
| 6. | Atmosphere, Climate and Change. New York: Scientific American Library | Graedel, T. (1995). |
| 7. | An Introduction to Oceanography. | Johnson H. (1996). |
| 8. | Economic Geography, Random Publications, New Delhi. | Philip Emeral (2013). |
| 9. | Essentials of Physical Geography 8th ed Australia. | Robert E. Gabler & James F. Petersen (2007) |
| 10. | Geosystems: An Introduction to Physical Geography 7 th ed. New Jersey: Pearson Prentice Hall | Robert W. Christopherson (2009), |
| 11. | Tourism Geography: Random Publications, New Delhi. | Shweta Singh (2013). |
| 12. | Elements of physical geography. New York. John Wiley. | Strahler, A. N. (1998). |
| 13. | Natural Disaster Management: New technologies and opportunities, The Icfai Uni. Press, Agartala. | Subir Ghosh (2012). |
| 14. | Economic Geography 3 rd ed. PHI Learning, New Delhi. | Truman A. Hartshorn (2010). |
| 15. | Environmental Geography: Science Landuse | William M. Marsh (2005). |

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| | and Earth System 3rd ed.Hobken: John Wiley & Sons | |
| 16. | Geography, Regions and Concepts. U.S.A: John Wiley and Sons, Inc. | Blif, H. J. (1971). |
| 17. | Human Geography. Canada: John Wiley & Sons, Inc. | Blij, H. J. (2000). |
| 18. | Population Geography Oxford: Pergamon Press. | Clarke, J. I. (1965). |
| 19. | Human Geography Cultural Society and Space. (5 th ed.). New York: John Wiley & Sons. | De Blij. H. J. (2003). |
| 20. | Political Geography: The Spatiality of Politics. (3 rd ed.). New Delhi: Tata McGraw-Hill Publishing Company Limited. | Dikshit, R. D. (2001). |
| 21. | Agricultural Geography: Issues and Applications. New Delhi: Gian Publishing House. | Dube, R. S. (1987). |
| 22. | Human Geography Landscape of Human Activities. (8 th ed.). New York: Mc.Graw Hill Higher Education. | Getis, Fellman. (2005). |
| 23. | An Introduction to Agricultural Geography. London: Hutchinson. | Grigg, D. (1984). |
| 24. | The Geography of Tourism and Recreation (1 st ed.). London: Routledge. | Hall, C. M; & Page, S. J. (1999). |
| 25. | Economic Geography. New York: Prentice Hall, Inc. Englewood Cliffs. | Hartshorne, T. A. & Alexander, J. W. (1988). |
| 26. | Geography & Health: A study in medical Geography. New Delhi: A.P.H. Publishing corporation. | Izhar, F. (2004). |
| 27. | Geographies of Global Change. Blackwell Publishers Inc. | Johnston, R. J. (1996). |
| 28. | Urban Geography, New York: McGraw Hill. | Kaplan, Wheeler (2009). |
| 29. | Human Geography Place and Region in Global context. (2 nd ed.) .New Jersey: Prentice Hall. | Knox Paul L. (2001). |
| 30. | Agricultural Geography. London: Longman. | Newbury, P. A. R. (1999). |
| 31. | Contemporary Human Geography. New Delhi: PHI Learning Private Limited. | Rubenstein James M. (2010). |
| 32. | Tourism Geography (1 st ed) London: Routledge. | Williams, S. (1998). |