PUNJAB PUBLIC SERVICE COMMISSION

COMBINED COMPETITIVE EXAMINATION (CCE) SYLLABUS

GEOGRAPHY

Total Marks: 100

Topics

1 PHYSICAL GEOGRAPHY: -

- The Universe, Earth-Sun relationships, Composition and internal structure of the Earth, Rocks and Their Types (Igneous, Sedimentary and Metamorphic), Plate tectonics (Causes and effects), Earthquakes, Volcanism and Their Landforms, Weathering processes, Mass movements, Landforms produced by Surface water/Streams, Karst processes, Wind and Glaciers (Degradation and aggradation).
- Atmospheric and surface temperature, Air pressure and winds (Circulation pattern of the Atmosphere), Precipitation, Air Masses and Fronts (Weather systems, weather tracking and forecasting)
- Human-Climate Interaction (Causes and effects, Urban Microclimates), Environmental Pollution (Air, water, soil and noise) and Global Warming (EL Nino-Southern Oscillation). Ocean currents and tides, World major biomes. Introduction to Geographic Information Systems (GIS), Remote Sensing (RS) and Global Positioning System (GPS), Topographical Maps and Weather maps of Pakistan.

2 HUMAN GEOGRAPHY: -

- World Human Population (Growth, Distribution, Density with reference to MDC's and LDC's), Population Dynamics (Change in size and structure driven by births, deaths and migration), Human Settlements with its types (Forms and functions), Urbanization (Hierarchy and Models of Urban Structures), Challenges of an Urban place, Green and Brown Agenda.

- Economic categories related to Production and consumption(Producer, consumer and decision making). Farming Types and Their distribution (Subsistence, intensive, commercial, mixed, dairying and luxury crops), Agricultural production (Wheat, rice, cotton and sugarcane), Food security and safety, Mineral resources (Metalliferous and non-metalliferous), Power resources (Renewable and non-renewable) with special reference to regional dynamics, Manufacturing (Factors of location, Iron and steel, high technology industries with special reference to emergence of new power zones), Transportation (Modes and International trade routes), Trade (World free trade zones, common market and pattern of the world's trade).

Suggested readings:

A. PHYSICAL GEOGRAPHY

1. Strahler, A. N. (2004). Modern Physical Geography. John Wiley, New York.
2. Gabbler, R. E., Sager, R. J., & Wise, D. L. (1997). Essentials of Physical Geography (4th ed.). Saunders College Publishing, New York.
3. Miller, G. T. (1996). Living in the Environment: Principles, Connections and Solutions (9th ed.). Wadsworth.
4. Thurman, H. V., & Merrill. (1996). Essentials of Oceanography. Manson, London.
5. Diwan, A. P., &Arora, D. K. (1995). Origin of the Ocean. Anmol Publishers, Delhi.
6. McIlveen, J. F. R. (1991). Fundamentals of Weather and Climate. Chapman & Hall, London.
7. Kendrew. (1961). Climate of the Continents. Longman, London and New York.
8. Thornbury, W. D. (1969). Principles of Geomorphology. John Wiley & Sons, New York.
9. Christopherson, R. W. (2000). Geosystems. Prentice Hall, USA.
10. Monkhouse, F. J. (1996). Principles of Physical Geography. Hodder & Stoughton, London.
11. De Blij, H. J., & Muller, P. O. (1996). Principles of Physical Geography of the Global Environment. John Wiley & Sons, USA.
12. Taylor, J. (1993). Integral Physical Geography. Longman, London.
13. Small, R. J. (1989). Geomorphology and Hydrology. Longman, London.
14. Thompson, R. D., et al. (1986). Process in Physical Geography. Longman, London.
15. Miller, E. W. (1985). Physical Geography. Charles E. Merrill, Columbus.
16. King, C. A. M. (1980). Physical Geography. Basil Blackwell, Oxford.
17. Strahler, A. N., & Strahler, A. H. (2004). Physical Environment. John Wiley, New York.
18. Wells, A., & Wells, N. (1998). The Atmosphere and Oceans. Longman, London.
19. Ackerman, S. A. (2015). Meteorology: Understanding the Atmosphere. Jones & Bartlett Learning, Burlington, USA.
20. Aronoff, S. (1993). Geographic Information Systems: A Management Perspective. WDL Publications, Ottawa, Canada.

B. ECONOMIC AND REGIONAL GEOGRAPHY:

1. Alexander, J. W. (1963). Economic Geography. Prentice Hall, New Jersey.
2. Alexandersson, G. (1947). Geography of Manufacturing. Englewood Cliffs.
3. Alnwick, H. (1981). Geography of Commodities. Harrap, London.

4. Boesch, H. (1964). A Geography of World Economy. D. Van Nostrand, Princeton.

5. Carlson, A. S. (1956). Economic Geography of Industrial Materials. Reinhold Publishing Corporation, New York.

6. Fryer, D. W. (1965). World Economic Development. McGraw-Hill, New York.

7. Hartshorne, T. A., & Alexander, J. W. (1988). Economic Geography. Prentice Hall, Englewood Cliffs, New York.

8. Highsmith, R. M. (1963). Geography of Commodity Production. Lippincott, Philadelphia.

9. Hodder, B. W., & Lee, D. (1974). Economic Geography. Methuen, London.

10. Jones, C. F., & Darken. (1965). Economic Geography. Macmillan, New York.

11. Khan, F. K. (1997). An Introduction to Economic Geography. Sir Syed Academy, Karachi.

12. Norman, P. (1981). Success in Economic Geography. John Murray, London.

13. Thoman, R. S., Conkling, E. C., &Yeates, M. H. (1988). The Geography of Economic Activity. McGraw-Hill, New York.

14. Miller, E. W. (1962). A Geography of Manufacturing. Prentice Hall International, London.

15. United Nations Organization (UNO). Statistical Yearbooks. Latest editions.

16. Luckas, M. R. (1991). Economic Activity. Longman Group UK Limited.

17. Roepke, H. G. (1967). Readings in Economic Geography. John Wiley & Sons, New York.

18. Rogen, W. E., & Bengtson, N. A. (1964). Fundamentals of Economic Geography. Prentice Hall.

19. James, P. E., & Jones, C. F. (1965). American Geography: Inventory and Prospects. Association of American Geographers, USA.

20. Haggett, P., & Chorley, R. J. (1980). Models in Geography. Harper & Row, London.

C. HUMAN GEOGRAPHY

1. De Blij, H. J., & Muller, P. O. (2003). Geography: Realms, Regions and Concepts. John Wiley & Sons.

2. Knox, P. L., & Marston, S. A. (2003). Places and Regions in Global Context: Human Geography. Prentice Hall.

3. De Blij, H. J. (2005). Concepts and Regions in Geography. John Wiley.

4. James, P. E. (1974). One World Divided. John Wiley & Sons.

5. Davidson, A. P., & Ahmad, M. (2003). Privatization and Crisis of Agricultural Extension: The Case of Pakistan. Ashgate Publishing.
6. Abdul Hameed. (1972). Historical and Descriptive Geography of Water Development in West Pakistan: A Case Study of the Middle Indus Basin. San Francisco State College.
7. Johnson, B. L. C. (1969). South Asia: Selective Studies of the Essential Geography of India, Pakistan and Ceylon. Heinemann Educational.
8. Ahmad, K. S. (1964). Geography of Pakistan. Oxford University Press.
9. Tayyeb, A. (1996). A Political Geography of Pakistan. Oxford University Press.
10. Spate, O. H. K. (1984). India and Pakistan. Munshiram Manoharlal Publishers.
11. Khan, F. K. (1991). Geography of Pakistan. Oxford University Press, Karachi.
12. Burki, J. S. (1991). Pakistan: The Continuing Search for Nationhood. Westview Press, Oxford, UK.

Note: **The above list is only suggestive and not exhaustive. Candidates may consult other standard books and relevant material covering the prescribed syllabus.**

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