

S/GEO/701/MJC-17T: Population Geography

Population Geography

4 Credits (60 Hours)

Total Marks:	Total Marks: 50 (IA-10 Marks + ESE-40 Marks)
Question Pattern:	Section-A: Definition Oriented (5×2=10)
	Section-B: Short Answer Type (5×4=20)
	Section-C: Long Answer Type (1×10=10)

Learning Outcome

1. Student will have an idea on the concepts of different aspects of population and will be able to understand the reasons behind the different problems related to population in different regions of the country.
2. They will also build concepts on population policies and different contemporary issues on population geography.

Unit-1: Basic Concepts

- 1.1 Concept, Nature, Scope and Development of Population Geography. Relation between Population Geography and Demography.
- 1.2 Population Distribution and Density: Factors and Measures
- 1.3 Population Growth: Determinants and Measures of Fertility, Mortality, Fecundity and Morbidity
- 1.4 Concepts of Under Population, Over Population and Optimum Population; Demographic Transition Theory with special reference to India.

Unit-2: Population Composition

- 2.1 Population Composition and Characteristics; Age-sex composition of population in Developed and Developing countries
- 2.2 Concept of Cohort and Life Table and their significance
- 2.3 Theories of Population Growth: Robert Malthus and Karl Marx
- 2.4 Migration: Concept, Factors and types, consequences; Theories of Migration: Lee and Ravenstein

Unit-3: Population Policies

- 3.1 Population and Development: Concept of Human Development Index (HDI) and Gender Empowerment Measure (GEM)
- 3.2 Population-Environment Dichotomy; Population-Resource Regions (Ackerman's)
- 3.3 Population Policies in Developed (Sweden), Developing (India) and Less Developed (Sudan) Countries
- 3.4 Contemporary Issues – Ageing Population; Declining Sex Ratio; HIV/AIDS and IVF.

Reference Books

- Barrett, H. R. (1995). Population Geography. Oliver & Boyd.
- Beaujeu-Garnier, J. (1966). Geography of Population. Longman.
- Bhende, A. S., & Kanitkar, T. (2015). Principles of Population Studies. Himalaya

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- Chandana, R. C. (2021). Geography Of Population: Concept, Determinants and World Pattern. Kalyani Publishers.
- Clarke, J. I. (1972). Population Geography. Pergamon Press.
- Dhara, S. (2014). Janasankha o Janabasati Bhugol (in Bengali). Navodaya Publication.
- Hassan, M. I. (2007). Population Geography. Rawat Publications.
- Islam, M. (2019). Janasonkhya Bhugol Nirdeshika (in Bengali). Deb Prakashani.
- Jones, H. R. (2000). Population geography (3rd ed.). Paul Chapman.
- Lutz, W., Warren, C. S., & Scherbov, S. (2004). The end of world population growth in the 21st century. Earthscan.
- Maurya, S. D. (2018). Population Geography. Pravalika Publications.
- Newbold, K. B. (2009). Population Geography: Tools and Issues. Rowman & Littlefield Publishers.
- Pacione, M. (1986). Population Geography: Progress and Prospect. Taylor & Francis.
- Pradhan, N. (2017). Adhunik Janasankha Bhu-Bigyan. Central Publication.
- Premi, M. K. (2006). Population of India in the New Millennium: Census 2001. National Book Trust.
- Roy, D. (2015). Population Geography. Books & Allied (P) Ltd.
- Roy, T., Roy, A., Maiti, M. C., Bandhapadhyay, Sarkar, A., & Kabasi, D. (2024). Janasankha Bhugoler Ruprekha. Kalyani Publishers.
- Sen, J. (2016). Janasonkhya Bhugol (4th ed.). Books & Allied.
- Wilson, M. G. A. (1968). Population Geography. Nelson.

S/GEO/702/MJC-18T: Geography of Tourism

Geography of Tourism

4 Credits (60 Hours)

Total Marks:	Total Marks: 50 (IA-10 Marks + ESE-40 Marks)	
Question Pattern:	Section-A: Definition Oriented	(5×2=10)
	Section-B: Short Answer Type	(5×4=20)
	Section-C: Long Answer Type	(1×10=10)

Learning Outcome

1. Student will have an idea on the concepts of different aspects of tourism and will be able to understand the reasons behind the different problems related to tourism in different regions of the country.
2. They will also build concepts on population policies and different contemporary issues on tourism Geography.

Unit-1: Basic Concepts

- 1.1 Concept of Tourism and Sustainable Tourism
- 1.2 Nature and Scope of Tourism Geography
- 1.3 Types of Tourism: Ecotourism, Cultural Tourism, Adventure Tourism, Medical Tourism, Pilgrimage Tourism
- 1.4 Components and Factors of Tourism

Unit-2: Tourism Evolution and Impacts

- 2.1 Evolution of Tourism: TALC Model of R.W. Butler
- 2.2 Impact of Tourism: Economic, Socio-cultural and Environmental
- 2.3 Nature Based Tourism: Case Study of Susunia
- 2.4 Heritage Tourism: Case Study of Bishnupur

Unit-3: Tourism Planning and Management

- 3.1 National Tourism Policy, Tourism Policy of West Bengal
- 3.2 Destination Management Practices: Travel Agencies and Tour Operators, Types of Itineraries and Tour Packaging
- 3.3 Tourism Marketing; Digital Tourism; Accommodation- Hotels and Homestay
- 3.4 Appraisal of the Role of Tourism Organizations: WTTC, ITDC, WBTDC

Reference Books

- Baud-Bovy, M. and Lawson, F. (1977), "Tourism and Recreation Development", The Architectural Press Ltd, CBI Publishing Company, Boston
- Beeton, S. (2006). Community Development through Tourism. Landlinks Press.
- Bhatia, A.K. (2002), "Tourism Development: Principles and Practices", Sterling Publishers Private Limited, New Delhi.

- Boniface, B.G. and Cooper, C.P. (1987), "The Geography of Travel & Tourism", Heinemann Professional Publishing, Oxford.
- Buckley, R. (2009). Ecotourism: Principles and Practices. CABI.
- Burton, R. (1991), "Travel Geography", Pitman Publishing, London.
- Butler, R., & Hinch, T. (2007). Tourism and Indigenous Peoples. Taylor & Francis.
- Butler, R.W. (2010), ed, "The Tourism Area Life Cycle: Applications and Modifications", Vol-1, Viva Books Private Limited, New Delhi.
- Butler, R.W. (2010), ed, "The Tourism Area Life Cycle: Conceptual and Theoretical Issues", Vol-2, Viva Books Private Limited, New Delhi.
- Carter, E. and Lowman, G. (1994), eds, "Ecotourism: A Sustainable Option?", John Wiley and Sons, New York.
- Cooper, C., & Hall, C. M. (2008). Contemporary Tourism: An International Approach. Butterworth-Heinemann.
- Cooper, C., Fletcher, J., Gilbert, D. and Wanhill, S. (1993), "Tourism : Principles and Practice", Pitman, London.
- Department of Tourism. (2002). National Tourism Policy. Ministry Of Tourism and Culture, Government of India.
- Dwyer, L., Gill, A., & Seetaram, N. (2012). Handbook of Research Methods in Tourism: Quantitative And Qualitative Approaches. Edward Elgar Publishing.
- Hall, C. M. (2011). Fieldwork In Tourism: Methods, Issues and Reflections. Routledge.
- Hall, C. M., & Page, S. J. (2014). The Geography of Tourism and Recreation: Environment, Place and Space. Taylor & Francis.
- Jafari, J. (Ed.). (2003). Encyclopedia Of Tourism. Routledge.
- Mathieson, A. and Wall, G. (1982), "Tourism: Economic, Physical and Social Impacts", Longman, Harlow.
- Mill, R. C. and Morrison, A. M. (1985), "The Tourism System: An Introductory Text", Prentice Hall, New Jersey.
- Nandi, S., (2020), "Parjoton Bhugol-Kichu Dharana o Alochana", Gateway
- Newsome, D., Dowling, R. K., & Moore, S. A. (2005). Wildlife Tourism. Channel View Publications.
- Pearce, D. (1989), "Tourism and Regional Development", Longman, London.
- Pearce, D. G., & Butler, R. (Eds.). (1999). Contemporary Issues in Tourism Development. Routledge.
- Raina, A.K., Zhao, J. and Gupta, D. (2010), "Tourism Destination Management: Principles and Practices", Kanishka Publishers and Distributors, New Delhi.

- Robinson, P., Heitmann, S., & Dieke, P. U. C. (Eds.). (2011). Research Themes for Tourism. CABI.
- Rogers, H.A. and Slinn, J.A., (1993), "Tourism: Management of Facilities", Pitman Publishing, London.
- Roy, S and Roy, A., (2020), "Parjoton Bhugol o Parjotpn Bebestapana", Nectas Publication
- Roy, T and Sardar, G., (2025), "Vromon o Parjoton", Kalyani Publishers, New Delhi
- Ryan, C. (2006), "Recreational Tourism: Demand and Impacts", Viva Books Private Limited, New Delhi.
- Sharma, K. K. (2005). Tourism And Development. Sarup & Sons.
- Sharpley, R. and Telfer, D. J. (2006), eds. "Tourism and Development: Concepts and Issues", Viva Books Private Limited, New Delhi.
- Spirou, C. (2011). Urban Tourism and Urban Change: Cities in A Global Economy. Taylor & Francis.
- Suresh, K. T. (1994). Tourism Policy of India: An Exploratory Study. Equations.
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- Timothy, D.J. (2006), "Shopping Tourism, Retailing and Leisure", Viva Books Private Limited, New Delhi.
- Tribe, J. (2009). Philosophical Issues in Tourism. Channel View Publications.
- Wearing, S., & Neil, J. (2013). Ecotourism. Taylor & Francis.
- Williams, S. (2009). Tourism Geography: A New Synthesis (2nd Ed.). Routledge.

S/GEO/703/MJC-19T: Regional Planning and Rural Development

Regional Planning and Rural Development

4 Credits (60 Hours)

Total Marks:	Total Marks: 50 (IA-10 Marks + ESE-40 Marks)	
Question Pattern:	Section-A: Definition Oriented	(5×2=10)
	Section-B: Short Answer Type	(5×4=20)
	Section-C: Long Answer Type	(1×10=10)

Learning Outcome

1. Students will learn processes and methods of planning for regional economic development.
2. Have an understanding on various theoretical perspectives of regional planning at different levels.
3. Have an idea of the present status of a number of regional development programmes and policies taken at national and regional level

Unit-1: Regional Planning

- 1.1 Concept and Types of Regions; Delineation of Formal and Functional Regions
- 1.2 Concept, Types, Principles and Objectives of Regional Planning,
- 1.3 Needs for Regional Planning with Special Reference to India; Multi- level Planning in India
- 1.4 Concept and Levels of Planning Region- Macro, Meso and Micro

Unit-2: Regional Development

- 2.1 Concept of Growth and Development
- 2.2 Models of Regional Development: Growth Pole model of Perroux and Growth Centers Model of R.P. Mishra in Indian context
- 2.3 Critical Appreciation of Cumulative Causation Model (Myrdal) and Economic Growth Stage Model (Rostow)
- 2.4 Indicators and Measures of Development: Economic Development; Human Development

Unit-3: Rural Development in India

- 3.1 Concept and Strategies of Rural Development in India
- 3.2 Role of Panchayati Raj System in Rural Development
- 3.3 Rural Development Programmes: VB-G RAM G, PMGSY, JJM, SBM (G)
- 3.4 Integrated Rural Development Programme in India

Reference Books

- Barman, N. K., Maity, M., & Pahari, S. (2021). Anchal Prasongo (in Bengali). Kalyani Publishers.

- Bhat, L. S. (1972). Regional Planning in India. Statistical Publishing Society.
- Biswas, S. S. (1992). Bishnupur (2nd ed.). Archaeological Survey of India.
- Chakrabarty, K., & Bain, W. K. (2021). Temples of Bishnupur: A Visual Journey. Research India Press.
- Chakraborty, N., (2023), “Ancholik Parikalpana o Unnayan”, Navodaya Publication, Kolkata
- Chand, M., & Puri, V. K. (1983). Regional Planning in India. Allied Publishers.
- Claval, P. (1998). An Introduction to Regional Geography. Blackwell Publishers.
- Dasgupta, C. (2015). Bishnupurer Mandir Terracotta (in Bengali). Terracotta.
- Dasgupta, S., Biswas, R., & Mallik, G. K. (2009). Heritage Tourism: An Anthropological Journey to Bishnupur. Mittal Publications.
- De Blij, H. J. (1971). Geography: Regions and Concepts. John Wiley & Sons.
- Department of Tourism, Government of West Bengal. (n.d.). Bishnupur. Government of West Bengal.
- Dickinson, R. E. (1964). City and Region. Routledge.
- Friedmann, J., & Alonso, W. (Eds.). (1975). Regional Policy: Readings in Theory and Applications. MIT Press.
- Gore, C. G. (1984). Regions in Question: Space, Development Theory and Regional Policy. Methuen.
- Hall, P. (1992). Urban and Regional Planning. Routledge.
- Haynes, J. (2008). Development Studies. Polity Press.
- Johnson, E. A. J. (1970). The Organization of Space in Developing Countries. MIT Press.
- Kulshetra, S. K. (2012). Urban and Regional Planning in India: A Handbook for Professional Practitioners. Sage Publications.
- Kundu, A. (1992). Urban Development and Urban Research in India. Khanna Publishers.
- Maity, A.K. and Manna, S., (2023), “Anchalik Unnayan abong Parikalpana” (in Bengali), Uddalak Publishing House
- Majumder, D. and Bhattacharya, M., (2021), “Gramin Unnayaner Ruparekha” (in Bengali), ABS Publishing House, Kolkata
- Majumder, S. and Mondal, N., (2023), “Anchal abong Anchalik unnayan” (in Bengali), Sandha Publication
- Misra, R. P. (1992). Regional Planning: Concepts, Techniques, Policies and Case Studies. Concept Publishing Company.
- Misra, R. P., Sundaram, K. V., & Prakash Rao, V. L. S. (1974). Regional Development Planning in India. Vikas Publishing House.

- Mukherjee, B., & Mukherjee, D. (2010). Tiritiya Duniyai Arthonaitik Unnoyan O Manab Unnoyan (in Bengali). New Central Book Agency.
- Nag, C.K., (2022), “Anchal, Parikalpana o Unnayan” (in Bengali), Nadia Publishers
- Pramanik, T.K., Mondal, K.K., Bishal, P and Haldar, R., (2022), Enova Publications, Kolkata
- Sahoo, A., & Gayen, S. (2012). Anchali, Porikalpona O Bharater Anchali Porikroma (in Bengali). Deb Prakashani.
- Sahu, A., Gayen, S. and Bhunia, A., (2021), “Anchal, Unnayan o Anchali Parikalpana” (in Bengali), Deb Prakashani
- Sen, J. (2013). Anchali Porikalpona O Anchali Bhugol (in Bengali). Naboday Publications.
- Sen, Jatirmoy (2023), “Anchali Parikalpana o Unnayan” (in Bengali), Levenah Publication
- United Nations Development Programme. (2001–2004). Human Development Report. Oxford University Press.
- World Bank. (2001–2005). World Development Report. Oxford University Press.

S/GEO/704/MJC-20P: Research Methodology and Field Work

Research Methodology and Field Work

4 Credits (60 Hours)

Total Marks:	Total Marks: 50 (IA-10 Marks + ESE-40 Marks)
Question Pattern:	Question-1 (2×5=10) Field Report & Presentation & Viva-Voce - 15+10+5=30

Instruction for Laboratory Note Book

1. Each student will prepare an individual report based on primary data collected from field survey and secondary data collected from different sources for either a rural area (mouza), or an urban area (municipal ward), or a watershed based on cadastral, municipal or any other base maps to study related specific problems.
2. The duration of the field work shall not exceed 10 days.

Report writing with the following Tentative Chapter Schemes:

Preface & Acknowledgement

Executive Summary

Introduction: Objectives, Extent and Space Relations, Data sources and Methodology

Physical Environment: Lithology, Relief/Topography, Drainage, Slope, Climate, Soil, Vegetation etc.

Socio Economic Environment: Population Characteristics, Occupational Structure, Ethnic and Religious Composition, Income and Expenditure, any other aspects which may be deemed fit.

Results and Discussion/Presentation

Problems and Prospects

Conclusion

References (APA/Chicago format)

Appendix: Survey Questionnaire(s), Additional Tables if any

3. **Design & Word Limit:** Computer Typed, Line Spacing 1.5 Font-Arial/ Times New Roman/ Calibri, Size-12, Word Limit: 5000 (Excluding Tables and Appendix).
4. **Submission:** A copy of the bound report, duly signed by the concerned teacher/supervisor, must be submitted at the time of examination.
5. **Presentation**

Individual student has to submit one Power Point Presentation on the Report and has to present in front of External Examiner with the following slides:

- a) Title
- b) Aims and Objectives
- c) Data Sources and Methodology
- d) Important Diagrams and Maps included in the report
- e) Major Findings
- f) Suggestions

Time allotted for Presentation will be not more than 10 minutes followed by interactive session of not more than 5 minutes.

A CD/or any other soft form of the ppt file has to be submitted mentioning the UID Number of each student. The same has to be submitted by the Centre in Charge to the Chairperson of the said paper.

Learning Outcome

1. Geography is basically a field-based science. Students can enhance their understanding level of field observation and interpretation skill along with report writing and presentation skill in front of experts.
2. Students will be empowered to do their research work right at the UG level.
3. They will get practical experience in undertaking research projects on their own which will ultimately build confidence among them in their higher studies and research.

Unit 1: Research Methodology

- 1.1 Concept of Research, Methods and Methodology: Types and Significance of Research in Geography, Research Ethics
- 1.2 Literature Review; Research Gap and Formulation of Research Design
- 1.3 Research Problem, Research Questions, Objectives and Research Hypothesis
- 1.4 Techniques of Writing Scientific Reports: Preparing Notes, Abstract, Keywords, References and Bibliography,

Unit 2: Techniques of Field Work

- 2.1 Fieldwork in Geographical studies –Selection of Study Area and Objectives. Pre-Field Preparations
- 2.2 Field Enquiry Techniques and Tools: Observation (Participant, Non-Participant), Questionnaires (Open, Closed, Structured, Non-Structured). Rating Scale
- 2.3 Field Techniques and Tools: Landscape Survey using Transects and Quadrants, Constructing a Sketch, Photo and Video Recording.
- 2.4 Preparation of Inventory from Field Data. Post-Field Tasks.

Reference Books

- Creswell, J. W. (1994). Research Design: Qualitative And Quantitative Approaches. Sage Publications.
- Dikshit, R. D. (2003). The Art and Science of Geography: Integrated Readings. Prentice Hall of India.
- Evans, M. (1988). Participant Observation: The Researcher as Research Tool. In J. Eyles & D. M. Smith (Eds.), Qualitative Methods in Human Geography. Polity Press.
- Mukherjee, N. (2002). Participatory Learning and Action: With 100 Field Methods. Concept Publishing Company.
- Robinson, A. (1998). Thinking Straight and Writing That Way. In Writing Empirical Research Reports: A Basic Guide for Students of The Social and Behavioral Sciences. Kendall/Hunt Publishing.
- Wolcott, H. F. (1995). The art of fieldwork. AltaMira Press.
- Beaumont, J. R., & Williams, S. W. (1983). Project Work in the Geography Curriculum. Croom Helm.
- Monkhouse, F. J., & Wilkinson, H. R. (1963). Maps and Diagrams: Their compilation and Construction. Methuen.
- Saha, P. K., & Basu, P. (2009). Advanced Practical Geography. Books & Allied (P) Ltd.
- Sarkar, A. (2008). Practical Geography: A Systematic Approach. Orient BlackSwan.
- Narasinha Murthy, R. L. (2014). Research Methodology in Geography. Concept Publishing Company.

- Yeates, M. (1974). An Introduction to Quantitative Analysis In Human Geography. McGraw-Hill.
- Adhikari, S. (2012). Honours Byaboharik Bhugol (Vol. IV, in Bengali). Dove Publishing House.
- Roy, T., Mondal, B., Bandyopadhyay, C., Maity, M., & Bishal, P. (2020). Bhougolik Gobeshana Paddhati O Khetra Samikha (in Bengali). Kalyani Publishers.
- Das, B., & Pal, A. (2022). Bhougolik Adhyane Gabeshana Paddhati O Khetra Samikha (in Bengali). Alpana Enterprise Publishers.
- Nag, C. K. (2020). Bhugol Gobeshana Abong Khetra Samikha Paddhati (in Bengali). Nadia Publishers.
- Sil, A. (2021). Gobeshana Paddhati (in Bengali). The Himalayan Books.
- Roy, T., Mandal, B., Bandyopadhyay, C., Maity, M., & Bishal, P. (2021). Bhougolik Gobeshana Paddhati O Kshetra Samikha (in Bengali). Kalyani Publishers.

S/GEO /303/MN-3T: Population Geography
Population Geography **4 Credits (60 Hours)**

Total Marks:	50 (IA-10 Marks + ESE-40 Marks)
Question Pattern:	Section-A: Definition Oriented (5×2=10)
	Section-B: Short Answer Type (5×4=20)
	Section-C: Long Answer Type (1×10=10)

Learning Outcome

1. Student will have an idea on the concepts of different aspects of population and will be able to understand the reasons behind the different problems related to population in different regions of the country.
2. They will also build concepts on population policies and different contemporary issues on population geography.

Unit-1: Basic Concepts

- 1.1 Concept, Nature, Scope and Development of Population Geography.
- 1.2 Population Distribution and Density: Factors and Measures
- 1.3 Population Growth: Determinants and Measures of Fertility and Mortality
- 1.4 Concepts of Under Population, Over Population and Optimum Population

Unit-2: Population Composition

- 2.1 Population Composition and Characteristics
- 2.2 Concept of Cohort and Life Table with their Significance
- 2.3 Migration: Concept, Factors and Types
- 2.4 Consequences of Migration

Unit-3: Population Policies

- 3.1 Population and Development: Concept of Human Development Index (HDI)
- 3.2 Population and Environment: Population-Resource Regions (Ackerman's)
- 3.3 Population Policies in India
- 3.4 Contemporary Issues – Ageing Population; Declining Sex Ratio

Reference Books

- Barrett, H. R. (1995). Population Geography. Oliver & Boyd.
- Beaujeu-Garnier, J. (1966). Geography of Population. Longman.
- Bhende, A. S., & Kanitkar, T. (2015). Principles of Population Studies. Himalaya Publishing House.
- Chandana, R. C. (2021). Geography of Population: Concept, Determinants and World Pattern. Kalyani Publishers.
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- Dhara, S. (2014). Janasankha o Janabasati Bhugol (in Bengali). Navodaya Publication.

- Hassan, M. I. (2007). Population Geography. Rawat Publications.
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- Premi, M. K. (2006). Population of India in the New Millennium: Census 2001. National Book Trust.
- Roy, D. (2015). Population Geography. Books & Allied (P) Ltd.
- Roy, T., Roy, A., Maiti, M. C., Bandhapadhyay, Sarkar, A., & Kabasi, D. (2024). Janasankha Bhugoler Ruprekha. Kalyani Publishers.
- Sen, J. (2016). Janasonkhya Bhugol (4th ed.). Books & Allied.
- Wilson, M. G. A. (1968). Population Geography. Nelson.