

Revised Syllabi & Courses of Reading

For

BA/BSc
Part-I&II

in

GEOGRAPHY

2018 onwards



**DEPARTMENT OF GEOGRAPHY
UNIVERSITY OF THE PUNJAB
NEW CAMPUS LAHORE**

Shuzi

CONVENE...
B.O.S: Geograph
P.U: Lahor

	B.A. / B.Sc. Geography-II		Total Mark: 100
	Appendix 'A'		
	(Outlines of Tests)		
Paper-C	Human and Geography of Pakistan (Written)	:	70 Marks
Paper-D	Surveying and Field Report (Practical-II)		30 Marks
The distribution of marks for the Practical Examination shall be as follows			
i.	Field Survey (Written Paper)		10 Marks
ii.	Field Report		10 Marks
iii.	Record		05 Marks
iv.	Viva Voce		05 Marks
	Total		100 Marks
	Appendix 'B'		
	(Syllabi and Courses of Reading)		

PART-II: HUMAN AND GEOGRAPHY OF PAKISTAN

Paper: C

70 Marks

Section-I: HUMAN GEOGRAPHY

(a) Man-environment Interaction:

Themes of Environmental Determinism, Possibilism and Perception

(b) Population:

Distribution, age and sex structure, Population change (natural increase and migration).

(c) Settlements:

Rural, urban: location, form and function of settlements, Central Place Theory.

(d) Economic Activity:

Locational characteristics of primary, secondary, tertiary and quaternary activities

(e) Environmental Problems:

Ecosystem and Environmental degradation

Section-II: GEOGRAPHY OF PAKISTAN

Study of Pakistan under the following headings:

1. Physiography
2. Climate
3. Vegetation
4. Population
5. Minerals & Power Resources
6. Agriculture
7. Industry
8. Trade & Transport
9. Geostrategic Importance

Note: There will be two parts in paper "C" in Part II. The students will be required to attempt at least two questions from each part. Each question will carry equal marks.

Recommended Books

1. John, A. A. (2016) Human Geography, Wiley Blackwell Singapore
2. Rubenstein, J. M. (2016) Contemporary human geography, 4th Ed. Pearson.
3. Dahlman, C. H. and William H. R. (2015) Introduction to geography people place & environment 6th Ed, Pearson.
4. Khan, F. K. (2015) Pakistan Geography Economy and People, Oxford University Press.
5. Mark, B. (2015) Human Geography A concise introduction, Wiley blackwell USA
6. Debashish, B. (2014) Dimensions of Human Geography, Random Publications New Delhi.
7. Pacione (2013) Urban geography a global perspective 3rd Ed. Routledge.
8. Fouberg, E. H. (2012) Human Geography people, place and culture. Tenth Edition, John Wiley & sons, USA.
9. Johnson, D. L., Haarmann, V., Johnson, M.L. and Clawson, D. L. 2012 World regional geography 10th Ed. Pearson.
10. Rubenstein, J. M. (2012) Contemporary Human Geography, PHI learning New Delhi
11. Spate, O.H.K. (2004), India and Pakistan, Munshiram Mohoaral Publications Pvt. Ltd
12. Crawford, 2002, Geography for Pakistan Book, Danesh Publication (Pvt) Ltd. 1st edition.
13. DE Blij, H. J. (1996) Human Geography 5th Ed. New York, John Wiley.
14. Barrett, H (1992) Population Geography
15. Brandnock. R. W. (1992) Handbook of South Asia London.
16. Breadford, M.G. and Kent W.A (1986) Human Geography OUP
17. Kureshy, K .U. (1986) Geography of Pakistan Lahore Hafeez Press
18. Robinsten, J. M. (1983) The Cultural Landscape: An Introduction
19. Barcon, R. S Deblij, H. J. (1982) to Human Geography, *New Delhi Prentice Hall* Human Geography New York, John Wiley
20. Brandnock, R.W. (1982) Agricultural Challenges in South Asia London: John Murray, *London. Longman*

**PRACTICAL PART-II:
SURVEYING AND FIELD REPORT**

(Syllabi and Courses of Reading)

Paper D

30 Marks

1. Surveying (10)

- a) Theory of Surveying
- b) Introduction to RS & GIS (Theory)
- c) Making Plans with the help of
 - I. Chain Survey
 - II. Plane Table Survey
 - III. Prismatic Compass Survey and
 - IV. GPS Survey

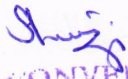
2. Field Report (10)

- a. Based on the study of Geographical aspects of a selected area /activity (a compulsory field trip need to be arranged to prepare this report)

3. Record and Viva Voce (10)

Books Recommended:

1. Dimitris, B. (2018) GIS and the social science theory and application, Routledge Taylor & Francis Group London
2. Chor, P. L. (2017) Concepts and techniques of geographic information systems, Pearson India
3. Bannister, A., Raymond, S. and Baker, R. (2016) Surveying 7th Ed, Pearson.
4. Guo, L. J. (2016) Image processing and GIS for Remote sensing, Wiley Blackwell Singapore.
5. Samantha, L. (2016) Practical Handbook of Remote Sensing, CRC Press Taylor and Francis Group London
6. Tsung, C. K. (2016) Introduction to Geographic Information Systems, McGraw Hill Singapore
7. Xuan, Z. (2016) GIS for environmental Application, Routledge Taylor & Francis Group New York
8. Brain, T. (2015) Geographic Information System for Disaster Management, CRC Press Taylor & Francis group London
9. Chandra, A. M. and Ghosh, S. K. (2015) Remote Sensing and Geographic Information system, end Ed. Narosa Publishing house.
10. Lavender, S. Lavender, A. (2015) Practical handbook of remote sensing. CRC Press by Taylor & Francis.
11. Michael, L. (2015) Getting to Know ArcGIS, Esri Press California


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12. Peterson, G. N. (2015) GIS Cartography A Guide To Effective Map Design 2nd Ed, CRC Press by Taylor & Francis.
 13. Thenkabil, P. S. (2015) Remote sensing handbook, CRC Press by Taylor & Francis.
 14. Tedesco, M. (2015) Remote Sensing of the Cryosphere, Wiley Blackwell Singapore
 15. Jensen J. R. (2014) Remote Sensing of the Environment, Pearson India
 16. Robert, S. (2013) Remote Sensing, Elsevier London
 17. Albert, Y. K. W. (2009) Concepts and techniques of Geographic Information systems, PHI learning New Delhi
 18. Gopi, S. (2007) Advanced surveying, John Wiley & sons Ltd New Delhi
 19. Gopi, S. (2006) Advanced surveying total station, GIS and remote sensing, Milliken.
 20. Gopi, S. (2005) Global Positioning System Principles and Applications, Tata McGraw-Hill Education.
 21. Leon, A. & Leon, M. (1999) Introduction to Computer Techniques Chennai Leon Tech worlds.
 22. Robinson, A. N. (1999) Elements of Cartography, New York, John Willey
 23. Miller, V.C. & Wsterback M.E (1997) An interpretation of Topographical Maps, Ohio Merrill publishing Co.
 24. Burt, E.T. (1996) Elements of statistics for Geographers, New York Lawrence Elbtine
 25. Dent, B. D. (1993) Elements of plane surveying, New York, Mc Graw Hill
 26. Benton, A. R. (1992) *Elements of Plane Surveying* New York: McGraw-Hill
 27. Avery, Te & Berlin; GL (1991) Fundamentals of Remote Sensing and Air Photo Interpretation New York Macmillian
 28. Briggs, K. (1989) Practical Geography, London, Hodder and Stchghton
 29. Maling, D. H. (1989) Measurements from maps, Oxford Pergamon press
4. Record