

SHRI GURU RAM RAI UNIVERSITY

(Estd. by Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act no. 03 of 2017)



Syllabus of BA/BSc. Geography **Effective from Academic Session** **2017**

Patel Nagar, Dehradun, Uttarakhand

B.A./B.Sc. Geography

Core Courses:

EXAM STRUCTURE GEOGRAPHY – TOTAL CREDITS

I SEMESTER

Code	Title of Course/Paper	Credit	Marks	
			Internal	External
BGGC101	Physical Geography	04	30	70
BGGL101	Practical Geography	02	30	70
	Total	06	60	140

1. Physical Geography (Core: 4 Credits)

1. Physical Geography – Definition and Scope, Components of Earth System.

2. Lithosphere – Internal Structure of Earth based on Seismic Evidence, Plate Tectonics and its Associated Features.

3. Fluvial Cycle of Erosion – Davis and Penck.

4. Atmosphere – Heat Balance, Global Circulation Pattern, Tropical Cyclones, Monsoon, Climatic

Classification (Koppen).

5. Hydrosphere – Ocean Bottom Relief Features, Tides and Currents.

Reading List

1. Conserva H. T., 2004: Illustrated Dictionary of Physical Geography, Author House, USA.
2. Gabler R. E., Petersen J. F. and Trapasso, L. M., 2007: Essentials of Physical Geography (8th Edition), Thompson, Brooks/Cole, USA.
3. Garrett N., 2000: Advanced Geography, Oxford University Press.
4. Goudie, A., 1984: The Nature of the Environment: An Advanced Physical Geography, Basil Blackwell, Publishers, Oxford.
5. Hamblin, W. K., 1995: Earth's Dynamic System, Prentice Hall, N.J.
6. Husain M., 2002: Fundamentals of Physical Geography, Rawat Publications, Jaipur.
7. Monkhouse, F. J. 2009: Principles of Physical Geography, Platinum Publishers, Kolkata.
8. Singh, Savindra: Physical Geography, Prayag Pustak Bhawan, Allahabad.
9. Singh, Savindra : Bhotik Bhoogol (in Hindi), Prayag Pustak Bhawan, Allahabad

Practical-I (Core 2 Credits)

- a. Scale-Definition and importance, construction of simple, comparative and diagonal scale. b. Topo sheets- indexing, scale and conventional signs.

- c. Study and interpretation of one inch/1:50000, Survey of India Toposheets with special reference to landscape features, drainage characteristics, land use, settlements, transport and other routes.
- d. landform features based on contours and profile drawn on them.

Division of Marks

- a. Lab Work-one question from each section with internal choice.
- b. Sessional record and viva.

Reading List

1. Dent B. D., 1999: *Cartography: Thematic Map Design*, (Vol. 1), McGraw Hill.
2. Gupta K. K and Tyagi V. C., 1992: *Working with Maps*, Survey of India, DST, New Delhi.
3. Mishra R. P. and Ramesh A., 1989: *Fundamentals of Cartography*, Concept Publishing.
4. Robinson A., 1953: *Elements of Cartography*, John Wiley.
5. Sharma J. P., 2010: *Prayogic Bhugol*, Rastogi Publishers.
6. Singh R. L. and Singh R. P. B., 1999: *Elements of Practical Geography*, Kalyani Publishers
7. Singh R. L., 1998: *Prayogic Bhoogol Rooprekha*, Kalyani Publications.
8. Steers J. A., 1965: *An Introduction to the Study of Map Projections*, University of London.

EXAM STRUCTURE GEOGRAPHY – TOTAL CREDITS

II SEMESTER

Code	Title of Course/Paper	Credit	Marks	
			Internal	External
BGGC201	Human Geography	04	30	70
BGGL201	Geography Practical	02	30	70
	Total	06	60	140

3. Human Geography (Core, 4 Credits)

1. Definition, Nature, Major Subfields, Contemporary Relevance.
2. Space and Society: Cultural Regions; Race; Religion and Language
3. Population: Population Growth and Demographic Transition Theory.
4. World Population Distribution and Composition (Age, Gender and Literacy).
5. Settlements: Types and Patterns of Rural Settlements; Classification of Urban Settlements; Trends and Patterns of World Urbanization

Reading List

1. Chandna, R.C. (2010) Population Geography, Kalyani Publisher.
2. Daniel, P.A. and Hopkinson, M.F. (1989) The Geography of Settlement, Oliver & Boyd, London.
3. Johnston R; Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography, Blackwell
Publication.
4. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, New York.
5. Kaushik, S.D. (2010) Manav Bhugol, Rastogi Publication, Meerut.
6. Maurya, S.D. (2012) Manav Bhugol, Sharda Pustak Bhawan. Allahabad.
7. Ghosh, S. (2015) Introduction to settlement geography. Orient Black Swan Private Ltd., Kolkata
8. Hussain, Majid (2012) Manav Bhugol. Rawat Publications, Jaipur

Practical II (Core 2 Credits)

- a. Maps- Definition, basic concepts and classification, Map composition.
- b. Map Projections- classification, properties, choice, and merits and demerits.
- c. Construction of Conical projection with one and two standard parallel, Bonne's, cylindrical equal area, Mercater's, and Polar Zenithal Equal Area map projection.
- d. Study and interpretation of Indian Daily Weather Report Maps/reports of January, June and July.

Division of Marks

- a. Lab Work-One question from each section with internal choice.
- b. Sessional record and viva.

Reading List.

1. Dent B. D., 1999: *Cartography: Thematic Map Design*, (Vol. 1), McGraw Hill.
2. Gupta K. K and Tyagi V. C., 1992: *Working with Maps*, Survey of India, DST, New Delhi.
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