

SARDAR PATEL UNIVERSITY,
B.A. Geography Semester - 1
Generic Elective
Effect from June, 2018

Paper Code: UA01GGEO22		Total Credit:3
Title of Paper : Fundamentals of Physical Geography		Weight age (%)
Unit	Description in Detail	
1.	Meaning, Definition, Nature, Scope of the Physical Geography, Branches of Physical Geography and Inter-relation with other branches of Earth Science, Solar Systems, Geological Time Seale.	25%
2.	Origin of Continents & Oceans, Composition, Structure and Interior of the Earth, Wegner's Theory of Continental Drift, Plate Tectonics and Magnetic fields.	25%
3.	Classification of the Land forms, Characteristics of Major Landforms: Mountains, Plateaus & Plains. Earth movement– Orogenic and Eperogenic, Concept of Isostasy, Pratt's and Airy's view of Isostasy.	25%
4.	World's Major Physical Division, Physical division and Geological formation of Indian sub continent, Importance and Application of the Physical Geography in Regional Planning, Recent trends in Physical Geography.	25%
Readings	1. Barry, R. G. and Chorley, R. J. (1998): Atmosphere, Weather and Climate. Routledge, London. 2. Bryant, H. Richard (2001): Physical Geography Made Simple, Rupa and Company. New Delhi 3. Bunnett, R.B. (2003): Physical Geography in Diagrams, Fourth GCSE edition, Pearson Education (Singapore) Private Ltd. 4. Garrison, T. (1998): Oceanography, Wordsworth Company., Belmont. 5. Lake, P. (1979): Physical Geography (English and Hindi editions), Cambridge University Press, Cambridge. 6. Leong Goh Cheng (2003): Certificate Physical and Human Geography, Oxford University Press, New Delhi. 7. Monkhouse, F.I. (1979): Physical Geography. Methuen, London 8. Singh, S. (2003): Physical Geography. (English and Hindi editions) PrayagPustakBhawan, Allahabad; 9. Trewartha, G.T., Robinson, A.H., Hammond, E.H., and Horn, A.T. (1976/1990): Fundamentals of Physical Geography, 3rd edition. MacGraw-Hill, New York. 10. Singh, M.B. (2001): Bhoutik Bhugol, Tara Book Agency, Varanasi 11. Singh, S.N. and Singh, V. (2002): Bhoutik Bhugol, Mishra Trading Corporation, Varanasi. 12. Strahler, A.N. and Stahler, A.M. (1992): Modern Physical Geography. John Wiley and Sons, New York	