

**Reading List**

- Bloom A. L., 2003: *Geomorphology: A Systematic Analysis of Late Cenozoic Landforms*, Prentice-Hall of India, New Delhi.
- Bridges E. M., 1990: *World Geomorphology*, Cambridge University Press, Cambridge.
- Christopherson, Robert W., (2011), *Geosystems: An Introduction to Physical Geography*, 8 Ed., Macmillan Publishing Company
- Kale V. S. and Gupta A., 2001: *Introduction to Geomorphology*, Orient Longman, Hyderabad.
- Knighton A. D., 1984: *Fluvial Forms and Processes*, Edward Arnold Publishers, London.
- Richards K. S., 1982: *Rivers: Form and Processes in Alluvial Channels*, Methuen, London.
- Selby, M.J., (2005), *Earth's Changing Surface*, Indian Edition, OUP
- Skinner, Brian J. and Stephen C. Porter (2000), *The Dynamic Earth: An Introduction to physical Geology*, 4th Edition, John Wiley and Sons
- Thornbury W. D., 1968: *Principles of Geomorphology*, Wiley.
- Gautam, A (2010): *Bhautik Bhugol*, Rastogi Publications, Meerut
- Tikkaa, R N (1989): *Bhautik Bhugol ka Swaroop*, Kedarnath Ram Nath, Meerut
- Singh, S (2009): *Bhautik Bhugol ka Swaroop*, Prayag Pustak, Allahabad
- Tiwary Ram Kumar, *Bhautik bhugol*, Rajasthan Hindi Granth Academy, Jaipur

**V. CORE COURSE- C 2:**

(Credits: Theory-04, Practicals-02)

**Marks : 15 (MSE: 1Hr) + 60 (ESE: 3Hrs) =75****Pass Marks: Th (MSE +ESE) = 30*****Instruction to Question Setter for******Mid Semester Examination (MSE):***

There will be **two** group of questions. **Group A is compulsory** and will contain five questions of **very short answer type** consisting of 1 mark each. **Group B will contain descriptive type** three questions of five marks each, out of which any two are to answer.

***End Semester Examination (ESE):***

There will be **two** group of questions. **Group A is compulsory** and will contain two questions. **Question No.1 will be very short answer type** consisting of ten questions of 1 mark each. **Question No.2 will be short answer type** of 5 marks. **Group B will contain descriptive type** five questions of fifteen marks each, out of which any three are to answer.

**Note:** There may be subdivisions in each question asked in Theory Examinations.

**OCEANOGRAPHY****Theory: 60 Lectures**

1. Ocean Floor Topography-Indian Ocean Pacific Ocean and Atlantic Ocean
2. Oceanic Movements – Waves, Currents and Tides.
3. Ocean Salinity and Temperature – Distribution and Determinants.
4. Coral Reefs- Types and Theories of Origin
5. Marine Deposits & Ocean Resources

**Reading List**

- Andrew. D. Ward and Stanley, Trimble (2004): *Environmental Hydrology*, 2nd edition, Lewis Publishers, CRC Press.
- Karanth, K.R., 1988 : *Ground Water: Exploration, Assessment and Development*, Tata- McGraw Hill, New Delhi.
- Ramaswamy, C. (1985): *Review of floods in India during the past 75 years: A Perspective*. Indian National Science Academy, New Delhi.
- Rao, K.L., 1982 : *India's Water Wealth* 2nd edition, Orient Longman, Delhi.