

Semester-II
GEOMORPHOLOGY
(Elements of Geomorphology-II)

The Examination in Geography will comprised in three head i.e. 1) Theory Paper, 2) Internal Assessment and 3) Practical Paper. Theory paper shall be of Three Hours duration and shall carry 50 marks. Internal Assessment shall carry 20 marks. Practical Examination shall be of Three Hours duration and shall carry 30 marks. The following syllabus is prescribed on the basis of five lectures per week and one practical of two periods for each batch of 16 students.

Paper : GEOMORPHOLOGY
(Elements of Geomorphology-II)

Marks : 50
(10 Marks Per Unit)

Unit-I	Rocks : Origin, Classification and Characteristics. Weathering : Meaning, Causes & Types.
Unit-II	The Work of Stream (River), Landscape Associated with River.
Unit-III	The Work of Glacier - Landscape associated with Glacier.
Unit-IV	The work of Eoilon (Winds) - Landscape associated with Eoilon (Winds), Landscape Associated with Under Ground Water.
Unit-V	Application of Geomorphology to Human Activities : Settlements, Transport. Environmental hazards: Flood, & Desertification & Assessment.

Practical Paper

Unit-I	Chain Survey & Abney Level	10 Marks
Unit-II	Measures of Central Tendency Mean, Median & Mode.	10 Marks
	Practical Record	5 Marks
	Viva	5 Marks

Distribution of Internal Marks

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|-------------------------------|----------|
| 1) Home Assignment | 10 Marks |
| 2) Group Discussion / Seminar | 10 Marks |

DEPARTMENT OF GEOGRAPHY

C E R T I F I C A T E

Name of the College : _____
This is to Certify that, this Practical Records is the Bonafide Practical Work of Shri /
Ku. _____ during the

Academic Year _____,

Class :

Dated :

1. _____
2. _____
3. _____

Signature of the Teacher
who taught the Examinee

Head of the Department

Note : In absence of Certified Practical Record Book, Examinee will not be allowed to appear for the Practical Examination.

Recommended Books :

1. Dayal, P.A. : Text Book of Geomorphology, Shukla Book Depot, Patna, 1996.
2. Dury, G.H. : The Face of the Earth, Penguins, 1980.
3. Ernst, W.G. : Earthsystem – Process and Issues. Cambridge University Press, 2000.
4. ICSSR : A Survey of Research in Physical Geography. Concept, New Delhi, 1983.
5. Kale V. and Gupta A. : Element of Geomorphology, Oxford University Press Calcutta, 2001.
6. Monkhouse, F.J. : Principles of Physical Geography. Hodder and Stoughton, London, 1960.
7. Pitty, A. : Introduction to Geomorphology, Methuen, London, 1974.
8. Sharma, H.S. : Tropical Geomorphology, Concept, New Delhi, 1987.
9. Singh, S. : Geomorphology, Prayag Pustakalaya, Allahabad, 1998.
10. Small, R.J. : The Study of Landforms, Mc.Graw Hill, New York, 1985.
11. Sparks B.W. : Geomorphology, Longmans, London, 1960.
12. Steers, J.A. : The Unstable Earth. Some recent views in Geography, Kalyani Publishers, New Delhi, 1964.
13. Strahler, A.N. : Environmental Geo-Science, Mamilton Publishing, Santa Barbara, 1973,
14. Strahler, A.N. and Strahler, A.H. : Modern Physical Geography, John Wiley & Sons, Revised Edition 1992.
15. Summerfield, M.A. : Global Geomorphology, Longman, 1991.
16. Thornbury, W.D. : Prnciples of Geomorphology, Wiley Eastern, 1969.
17. Wooldridge, S.W. and Morgan, R.S. : The Physical Basis of Geography, An outline of Geomorphology . Longman Green & Co., London, 1959.
18. Wooldridge, S.W. : The Geographer as Scientist. Thomas Nelson and Sons Ltd., London, 1956.
19. Worcester P.G. Van Nostrand : A text Book of Geomorphology.
20. Lake Philip and Mac. Millan : Physical Geography.
21. Monkhouse : Maps and Diagrams.
22. Singh R.L. and Dutta : Elements of Practical Geography.
23. प्रा.सु.प्र.दाते व सौ.सं.सु.दाते : प्राकृतीक भूविज्ञान, राविल प्रकाशन, सातारा.
24. डॉ.सुभाष नारंग : प्राकृतीक भूविज्ञान, विद्या प्रकाशन, नागपूर.
25. प्रा.शीघ्र गुल्त, तावडे व डॉ.मनार : प्राकृतीक भूविज्ञान, राणे प्रकाशन, पुणे,
26. डॉ.जयकुमार मगर : भूरूपशास्त्र.
27. कोलते, पुराणिक, डॉ.भोयर व सौ.कुबळे : भूशास्त्राची मुलतत्वे, विद्या प्रकाशन, नागपूर.
28. डॉ.व्ही.टी.घारपूरे : भूरूपशास्त्र, पिंपळापूरे आणि पब्लीशर्स, नागपूर.
29. प्रा.रजनी देशमुख, प्रा.कल्यना देशमुख, प्रा.साधना मेढकर आणि प्रा.सिमा सावरकर : प्राकृतीक भू-शास्त्र, विद्या प्रकाशन, नागपूर.
30. विश्वनाथ तिवारी : प्राकृतीक भूगोलका स्वरूप.
31. सिंग सविदर : भूआकृति विज्ञान, तारा प्रकाशन, वाराणसी.
32. चतुर्भूज मेमोरिया : भूविज्ञान.
33. डॉ.मगर : प्रात्यक्षिक भूगोल भाग-१, २ व ३.
34. रामलोचनसिंग व दत्ता पी.के. : प्रयोगात्मक मूर्गोल प्रवेशिशा.
35. डॉ.व्ही.टी.घारपूरे व प्रा. व्ही.के.पवार : प्रात्यक्षिक मूर्गोल, (नकाशाशास्त्रीय पद्धती)
36. भूगोलशास्त्र आणि भुगर्भशास्त्र लेखक डॉ. सुरेख पंडीत (बापट).

Pedagogy :

The Teacher may familiarise the students with Indian Examples of Landforms with Photographs and Diagrams. In case it is possible short field trips may be organized.