

a. Paper	36 Marks
b. Record Work*	14 Marks
c. Viva-voce**	10 Marks

* Record work will be assessed by the teacher in-charge of the practical group and the external examiner.

** Viva-voce will be based on the record work.

5. Ex-students will have to complete the prescribed practical work under the guidance of the Head of the Department of the respective college and to produce a certificate to that effect before the commencement of the examination.

Suggested Readings:

1. Ahmed, K. S., Simple Map Projection, Friends Book House, Aligarh.
2. Bygott, J., An Introduction to Map Work and Practical Geography, University Tutorial Press, London.
3. Meux, A. H., Reading Topographical Maps, University of London Press.
4. Mishra, R. P. and A. Ramesh, Fundamentals of Cartography, Concept Publishers, New Delhi.
5. Monkhouse, F. J., Maps and Diagrams, Methuen & Co. Ltd., London.
6. Raize, E., General Cartography, McGraw Hill Book Co., London.
7. Robinson, A. R., Elements of Cartography, Chapman & Hall.
8. Singh, R. L. and P. K. Dutt, Elements of Practical Geography, Student Friends, Allahabad
9. Singh, R. L., Elements of Practical Geography, Kalyani Publishers.
10. Singh, R. N. and L. R. S. Kanaujia, Map Work & Practical Geography, Central Book Depot, Allahabad.
11. Tamaskar E. G. and V. M. Deshmukh, Geographical Interpretation of Indian Topographical Maps, Orient Longman.
12. भार्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी प्रकाशन, मेरठ
13. जैन शेषमल : प्रायोगात्मक भूगोल, साहित्य भवन आगरा
14. भल्ला, एल. आर. : प्रायोगात्मक भूगोल, के.डी. प्रकाशन, अजमेर
15. मामोरिया चतुर्भुज : मानचित्र विज्ञान एवं प्रायोगात्मक भूगोल, साहित्य भवन, आगरा
16. पंवार, आर. एस. : मानचित्र विज्ञान एवं प्रायोगात्मक भूगोल, तुलसी प्रकाशन, मेरठ
17. वर्मा, एल. एन. व. आर. एम लोढा : प्रायोगात्मक भूगोल, राज. हिन्दी ग्रन्थ अकादमी, जयपुर
18. सिंह, एल. आर. : मानचित्र एवं प्रायोगात्मक भूगोल, सेन्ट्रल बुक डिपो, इलाहाबाद
19. सिंह एवं कन्नोजिया : प्रायोगात्मक भूगोल की रूपरेखा, सेन्ट्रल बुक डिपो, इलाहाबाद

B.A. Third Year
Subject: Geography
Paper-I: Geography of India

Unit – I

- a) India in the context of Southeast and South Asia.
- b) India: a land of diversities; unity within diversities.
- c) Major terrain elements of India and their role in shaping physical landscape of India.
- d) Drainage systems of India and their functional significance.
- e) The morphological regions of India.

Unit – II

- Regional and seasonal variations of climate: the monsoon, western disturbance, norwesters, climatic regions of India.
- Soil types of India: their distribution and characteristics
- Vegetation types and their distribution; forest resources
- Status, use and need for conservation of mineral resources
- Status, use and need for conservation of power resources

Unit – III

- Spatial distribution of population and density; socio-economic implications of population growth; urbanization;
- Changing nature of Indian economy.
- Agricultural growth during the plan period; Green Revolution vis-à-vis traditional farming;
- Major crops and their status; wheat, Rice, Sugarcane, cotton
- Regionalization of Indian agriculture;

Unit – IV

- Industrial development and Indian economy.
- Industrial regions of India and their industrial structure.
- Major industries: Iron and steel, Cotton, cement, chemical Industries
- Means of transportations: Roads, Railways and Railways
- Composition of Domestic and International trade.

Unit – V

- Basis of regional divisions of India.
- Classification of Economic Regions of India: P. Sen Gupta
- Comparative Analysis of macro regions.
- Resource regions of India.
- Planning region of India

Suggesting Readings:

- Deshpande, C. D., India - A Regional Interpretation, Northern Book Centre, New Delhi, 1992.
- Farmer, B. H., An Introduction to South Asia, Methuen, London, 1983.
- Govt. of India, India - Reference Annual, Pub. Div, New Delhi, (latest edition)
- Govt. of India, National Atlas of India, NATMO Publication, Calcutta.
- Govt. of India, The Gazetteer of India, Vol. I & III Publication Division, New Delhi, 1965.
- Khullar, D. R., India: A Comprehensive Geography, Kalyani Publishers, Ludhiana, 2000.
- Learmonth, A. T. A. et al (ed), Man and Land of South Asia, Concept, New Delhi.
- Manorama Press, Manorma Year Book, Kottayam (Kerala), (Latest Edition).
- Mitra, A., Levels of Regional Development of India, Census of India, Vol. 1, Part I-A (i) and (ii), New Delhi, 1967.
- Routray, J. K., Geography of Regional Disparity, Asian Institute of Technology, Bangkok, 1993.
- Shafi, M, Geography of South Asia, McMillan & Co., Calcutta, 2000.
- Singh, G., Geography of India. Atmaram & Sons, Delhi.
- Singh, R. L. (ed), India: A Regional Geography, National Geographical Society, India,
- Spate, O. H. K. and Learmonth, A. T. A., India and Pakistan - Land, People and Economy Methuen & Co., London, 1967.
- Times of India Press, Times of India Year Book, Bombay (Latest Edition)
- Vaidya, K. S., Dynamic Himalaya, University Press, Hyderabad, 1998,
- Wadia, D. N., Geology of India, McMillan & Co., London, 1967.

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| 18- गौड कृपाशंकर | : | भारत की भौगोलिक समीक्षा, हिन्दी प्रचार पुस्तकालय, वाराणसी |
| 19- मामोरिया चतुर्भुज | : | भारत का आर्थिक भूगोल, आगरा बुक स्टोर, आगरा |
| 20- दुबे, रामनाथ | : | भारत का आर्थिक भूगोल, किताब महल, इलाहाबाद |
| 21- तिवारी विश्वनाथ | : | भारत का वृहद् भूगोल, रामप्रसाद एण्ड सन्स, आगरा |
| 22- चौहान, वीरेन्द्रसिंह | : | विशाल भारत, रस्तोगी एण्ड कम्पनी, मेरठ |