

Syllabus effective from Academic Session 2022-23

B. A. Second Year (Geography)

PRACTICAL

UNIT – I

- a) Maps – definition and classification; map elements, principles of map composition
- b) Drawing of Dot, Chorochromatic, Choroschematic, Isopleth (temperature and rainfall data of Rajasthan/ India) maps, Choropleth *06 exercises*
- c) Topographical sheets- history, conventional symbols, scheme of classification-old and new

Study and interpretation of Survey of India toposheet at 1: 50,000 representing typical areas of Rajasthan in respect of relief, drainage, land use, settlement and means of transportation *04 exercises*

Scale of slope *02 exercises*

UNIT – II

- a) Graphs – elements, characteristics and construction of poly, band and triangular graphs *03 exercises*
- b) Diagrams – Elements and characteristics of one, two and three dimensional diagrams using appropriate socio-economic data *08 exercises*
- c) Flow diagram (traffic/population data) *01 exercise*

UNIT - III

- a) Utility of statistical methods in Geography, Frequency distribution, histograms
- b) Measures of central tendency – Arithmetic mean, median and mode
- c) Measures of dispersion – standard deviation and coefficient of variation
- d) Measures of correlation – Scatterplot, Spearman's rank correlation and Karl Pearson's Product Moment correlation

Notes

1. Each exercise should be drawn on 1/4th of a full drawing sheet.
2. 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.
3. The test paper will be of two hours duration. Candidates will be required to answer three questions out of six attempting at least one question from each unit.

Scheme of examination

1. Candidates will be examined by Internal Examiner as per existing norms of the University
3. The distribution of marks will be as follows:

a)	Test Paper	36 marks
b)	Record	14 marks
c)	Viva Voce	10 marks
Total		60 marks

Suggested Readings

1. Bygott, J., An Introduction to Map Work and Practical Geography, University Tutorial Press, London.
2. Cole, John P. and Cuchlaine A. M. King, Quantitative Geography: Techniques and Theories in Geography, John Wiley & Sons Ltd., London, 1970.
3. Hammond, Robert and McCullagh Patrick, Quantitative Techniques in Geography: An Introduction, Clarendon Press, Oxford, 1978.
4. Meux, A. H., Reading Topographical Maps, University of London Press.
5. Mishra, R. P. and A. Ramesh, Fundamentals of Cartography, Concept Publishers, New Delhi.
6. Monkhouse, F. J., Maps and Diagrams, Methuen & Co. Ltd., London.
7. Raize, E., General Cartography, McGraw Hill Book Co., London.
8. Robinson, A. R., Elements of Cartography, Chapman & Hall.
9. Singh, R. L. and P. K. Dutt, Elements of Practical Geography, Student Friends, Allahabad
10. Singh, R. L., Elements of Practical Geography, Kalyani Publishers.
11. Singh, R. N. and L. R. S. Kanaujia, Map Work & Practical Geography, Central Book Depot, Allahabad.
12. Tamaskar E. G. and V. M. Deshmukh, Geographical Interpretation of Indian Topographical Maps, Orient Longman.
13. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी प्रकाशन, मेरठ
14. जैन, शेषमल : प्रायोगात्मक भूगोल, साहित्य भवन, आगरा
15. भल्ला, आर. एल. : प्रायोगात्मक भूगोल, के. डी प्रकाशन, अजमेर
16. मामोरिया, चतुर्भुज : मानचित्र विज्ञान एवं प्रायोगात्मक भूगोल, साहित्य भवन, आगरा
17. वर्मा, एल. एन. व लोढ़ा, आर. एम. : प्रायोगात्मक भूगोल, राज. हिन्दी ग्रंथ अकादमी, जयपुर
18. सिंह, एल. आर. : मानचित्र एवं प्रायोगात्मक भूगोल, सेन्द्रल बुक डिपो, इलाहाबाद
19. सिंह एवं कन्नोजिया : प्रायोगात्मक भूगोल की रूपरेखा, सेन्द्रल बुक डिपो, इलाहाबाद
20. खुल्लर, डी. आर., प्रायोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली
21. मिश्रा, आर. एन. एवं शर्मा, पी. के.: प्रायोगिक भूगोल, रावत पब्लिकेशन्स, जयपुर