

Syllabus effective from Academic Session 2019-20

B. A. First Year (Geography)

PRACTICAL

UNIT - I

- a) History of Cartography (as art and science)
- b) Scales: definition, types – Statement scale, Representative Fraction (R.F.) and Graphical scale. Inter-conversion of R.F. and Statement scale. Construction of Plain, Comparative, Diagonal, Time and Vernier scales 10 exercises
- c) Enlargement, reduction and combination of maps 02 exercises

UNIT - II

- a) Methods of representation of relief – Hachures, Formlines, Contours and Layer Tint methods 04 exercises
- b) Composite features to be drawn with help of contours patterns representing glaciated, arid and fluvial topography (any two of either youth, mature and old stage) 06 exercises
- c) Profiles- types of profiles. Construction of serial (at least four), superimposed, projected and composite profiles 02 exercises



UNIT - III

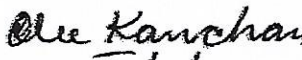
- a) Principles and working of weather instruments – thermometer, thermograph, barometer, barograph, hygrometer, hygrograph, rain gauge, wind vane and cup anemometer
- b) Weather symbols. 01 exercise
Interpretation of Indian weather maps (One each of December- January and July-August) 02 exercises
- c) Representation and interpretation of climatic data – Rainfall histogram, Hythergraph, Climograph, Rainfall variability graph (departure from mean) 04 exercises

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.


27.2.19

 
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Mode of examination

1. Candidates will be examined by Internal Examiner as per existing norms of the University
2. 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. Monkhouse, F. J., Maps and Diagrams, Methuen & Co. Ltd., London.
2. Robinson, A. R., Elements of Cartography, Chapman & Hall.
3. Singh, R. L., Elements of Practical Geography, Kalyani Publishers.
4. Raize, E., General Cartography, McGraw Hill Book Co., London.
5. Singh, R. N. and Kanaujia L. R. S., Map Work & Practical Geography, Central Book Depot, Allahabad.
6. Mishra, R. P. and A. Ramesh, Fundamentals of Cartography, Concept Publishers, New Delhi.
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी प्रकाशन, मेरठ
8. जैन, शेषमल : प्रायोगात्मक भूगोल, साहित्य भवन, आगरा
9. भल्ला, आर. एल. : प्रायोगात्मक भूगोल, के. डी. प्रकाशन, अजमेर
10. मामोरिया, चतुर्भुज : मानचित्र विज्ञान एवं प्रायोगात्मक भूगोल, साहित्य भवन, आगरा
11. वर्मा, एल. एन. व लोढ़ा, आर. एम. : प्रायोगात्मक भूगोल, राज. हिन्दी ग्रंथ अकादमी, जयपुर
12. सिंह, एल. आर. : मानचित्र एवं प्रायोगात्मक भूगोल, सेंट्रल बुक डिपो, इलाहाबाद
13. सिंह एवं कन्नोजिया : प्रायोगात्मक भूगोल की रूपरेखा, सेंट्रल बुक डिपो, इलाहाबाद
14. खुल्लर, डी. आर. प्रायोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली
15. मिश्रा, आर. एन. एवं शर्मा, पी. के. : प्रायोगिक भूगोल, रावत पब्लिकेशन्स, जयपुर

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Oliver Kanchan
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