

Rashtrasant Tukadoji Maharaj Nagpur University Nagpur

B.A.III. Geography

Semester-VI (3P2)

Practical Geography

Semester Practical Examination Marks: 40

Internal Assessment: 10

Unit-I:

Dumpy Level Survey- Use of Dumpy Level

a) Preparation of field Book (Rise and fall Method and Collimation Method)

b) Drawing of Profile.

Unit-II:

Introduction to modern Techniques.

(a) Equipments of Air Photography, types of Air Photographs, Scales of Air Photographs, interpretation of Air Photographs, merits and demerits of Air Photographs.

(b) GIS and Remote Sensing- Introduction to GIS, Fundamentals of GIS-spatial and concepts and spatial relationship, Definition of R.S., R.S. Platforms and scanners, R.S. as a tool for data generation and mapping.

Unit-III:

Meaning and Computation of Correlation, Correlation Co-efficient by Karl Pearson's and Spearman's Method.

Unit-IV

Field Work and Field Report. Socio-economic Survey of Small Village.

Plan of Practical Examination

The following plan will be strictly followed to test the skill developed by the students.

1. Problem on levelling
 - (a) Preparation of field book (6 Marks)
 - (b) Drawing of Profile (4 Marks)
2. Introduction to Modern techniques
 - (a) Aerial photographs (4 Marks)
 - (b) G.I.S. and Remote Sensing (6 Marks)
3. Computation of correlation (5 Marks)
4. Field Survey report (5 Marks)
5. Viva-voce. (5 Marks)
6. Practical record, attendance and punctuality (5 Marks)

Internal Assessment:

Test Exam (10 Marks)