

IV. CORE COURSE PRACTICAL [CPGEO104]:

(Credits: Practical-05)

Marks: 30 (ESE: 20 Viva + 5Attd. + 5 Record) + 70 (ESE Pr: 6Hrs)=100**Pass Marks =45*****Instruction to Question Setter:******End Semester Practical Examination (ESE Pr):***

The questions in practical examination will be of equal to 70 marks and will be so framed that the students are able to answer them within the stipulated time. 20 marks will be awarded on the performance in viva voce whereas 10 marks will be awarded on cumulative assessment which is further subdivided as 5 marks for Practical record and 5 marks for Attendance.

Note:

(Attendance Upto75%, 1mark; 75<Attd.<80, 2 marks; 80<Attd.<85, 3 marks; 85<Attd.<90, 4 marks; 90<Attd, 5 marks).

PRACTICAL-I**Practical: 60Hours****Unit 1:**

Map Projection: Sinusoidal Projection (Simple), Mollweide's Projection (interrupted), Globular Projection, Gnomonic Projection (Polar, Equatorial and Oblique).

Unit 2:

Geological Maps: Construction of sections and interpretation, Identification of rocks and minerals.

Unit 3:

Triangular Graph, Poly Linear Graph, Scattered diagram, Lorenz Curve, Divided Rectangular diagram.

Unit 4:

Profiles: Serial, Superimposed, Projected and Composite, Slope analysis (Wentworth's Method), Stream ordering.

References:

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 - Harwel JD, Newson MD. (1973)- Techniques in Physical Geography, Mc. Millan Edu. Ltd. London.
 - Mishra RP. And Ramesh A (1968) – Fundamentals of Cartography, Prasaraanga, University of Mysore, Mysore.
 - Robinson & Marison (1995), Elements of Cartography USA.
 - R.L. Singh (2010) Practical Geography, Sharada Pustak Bhavan, 11, University Road, Allahabad, UP - India
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 - Sharma, J.P. (2011): Prayogik Bhugol, Rastogi Publications, Meeruth.
 - Chouhan, P.R. (2005) Prayogik Bhogol, Vasundhara Prakashan, Gorakhpur.
 - Hiralal (2006): Prayogik Bhugol, Radha Publications, New Delhi
 - Tiwari, R.C. & Tripathi, S. (2011): Prayogatamak Bhugol, Prawalika Publications, Allahabad.
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