

SEMESTER – I

Code: 107 (GMP - CCm –i) : DISSERTATION (MINOR)

Total Marks Allotted for Dissertation	:	25
Evaluation by External Examiner	:	10
Evaluation by Internal Examiner	:	10
Viva – Voce Examination (by both the examiners)	:	05

Problem oriented work based Dissertation

The students will be required to select the topic and area with the help of their respective supervisors allotted to them by the Department. Dissertation must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the dissertation should normally range between 30 and 40 pages. The Dissertation will be evaluated by a panel of examiners appointed by the Convener of BOS, Geography. The evaluation and viva –voce examination will be conducted by both the external and internal examiners.

SEMESTER – I

Code: 108 (GMP - CCm–ii): SEMINAR/ PRESENTATION

Total Marks : 25

The students will be required to select any one of the topics allotted to them by the Department. The Topic will be related to the disciplines already studied by students in the same semester as core or elective courses. The assessment of the presentation of the students/examinees will be done by external and internal examiners appointed by the Convener/Head of the Department/ University.

SEMESTER – I

PRACTICAL

**Code: 109& 110 (GMP - P-i & P-ii): TOPOGRAPHICAL ANALYSIS
AND INTERPRETATION OF GEOLOGICAL MAPS (Pi); AND
FIELD SURVEY (Pii)**

Term End Exam : Marks : 60 Time: 04 Hours

Record Work : Marks : 10

Viva Voce : Marks : 10

Field Survey : Marks : 20 (Regional Field Survey will be organized in the supervision of Teachers nominated by the Department).

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Total Marks : 100

Unit	I	Depiction of relief; Contours and contouring from spot heights; Altimetric frequency curve, block diagrams (one point perspective)
Unit	II	Slope and gradient, profiles, methods of slope analysis (e.g., Wentworth's & Smith's methods) construction of profiles, Hypsometric Curve.
Unit	III	Drainage Analysis: Ordering, Density, Frequency, Longitudinal Profiles.
Unit	IV	Representation of economic data: Agricultural land use & production and industrial data. Representation of population data: Growth, distribution and employment.
Unit	V	Geological Maps and their Interpretation; Folded and faulted structures, effect of relief on the sequence and pattern of rock outcrops..

Books Recommended:

1. Bygott, G.L. : Mapworks and Practical Geography
2. Mahmood, Aslam (1977) : Statistical Methods in Geographical Studies, Rajesh Publications, New Delhi.
3. Mishra, R.P. and Ramesh, A. (1969) : Fundamentals of Cartography, Concept Publishing Company, New Delhi.
4. Singh, R.L. and Singh Rana, P.B. (1991) : Elements of Practical Geography, Kalyani Publishers, Ludhiana.
5. Singh, L.R. and Singh, R. (1991): Mapwork and Practical Geography, Central Book Depot, Allahabad.
6. Wilkinson, H.R. and Monkhouse, F.J. (1952) : Maps and Diagrams, B.I. Publications Pvt. Ltd., New Delhi.
7. Monkhouse, F.J. (1971) : Maps and Diagrams, Methuen, London.
8. Derk, C.L. & Brown, U.S. : Interpretation of Topographical and Geological Maps
9. Curran, P.J. (1985) : Principles of Remote Sensing, Longman.