



UNIVERSITY OF MINES AND TECHNOLOGY, TARKWA

FIRST SEMESTER EXAMINATIONS, NOV/DEC 2018

COURSE NO: GL 273

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COURSE NAME: STRUCTURAL GEOLOGY AND MAP WORK

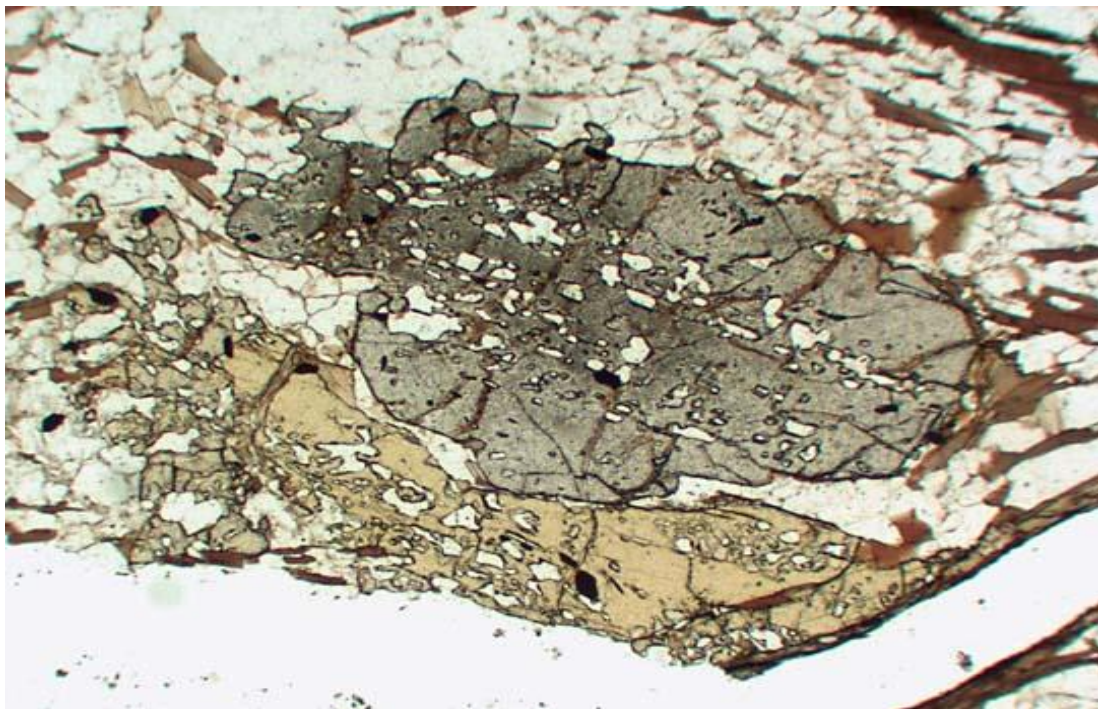
CLASS: GL II

TIME: 3 HOURS

Name: _____ Index Number: _____

Answer any THREE questions

- 1) Distinguish between identical primary and secondary structures. (20 marks)
- 2) How do small folds and associated cleavages reveal a larger structure which was not seen in sandstone? (20 marks)
- 3) Illustrate the different types of planes marked by metamorphic minerals in rocks. (20 marks)
- 4) With a sketch of the photomicrograph below, classify the minerals in the rock according to stages of formation. (20 marks)



Examiners: G. M. Tetteh/E. Fiadonu (Mrs)