



UNIVERSITY OF MINES AND TECHNOLOGY, TARKWA

FIRST SEMESTER EXAMINATIONS, NOV/DEC 2018

COURSE NO: GL 275
COURSE NAME: SEDIMENTARY PETROLOGY
CLASS: GL II

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TIME: 3 HOURS

Name: _____ Index Number: _____

*Answer any **THREE** questions*

- 1) Explain with a sketch how a particular sedimentary rock contains clastics and biochemical precipitates. **(20 marks)**
- 2) How would you use the relative temperature of crystallisation of minerals in source igneous rock to explain the mineralogical composition of sandstone? **(20 marks)**
- 3) Illustrate the difference between the lithofacies of lacustrine and fluvial environments. **(20 marks)**
- 4) Why are grain size variations in the different types of Tarkwaian sedimentary rocks? **(20 marks)**

Examiners: G. M. Tetteh/M. Fareed