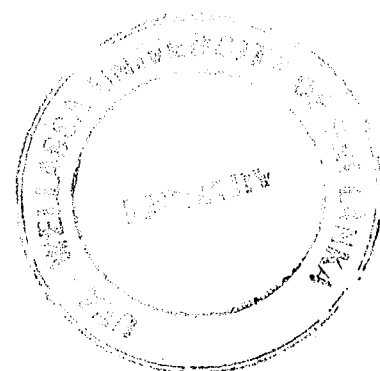


Uva Wellassa University of Sri Lanka  
Faculty of Science and Technology  
Department of Science and Technology  
200 Level 1<sup>st</sup> Semester Examination –July/August 2016  
MRT 252-2 Structural Geology

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**Part B**  
**Answer any two (02) questions**

- 01.** Study the map 01 and answer the questions. (Map 01 will be provided)
- a. Construct structural contours for both top and bottom of the sandstone formation.
  - b. Calculate the true dip of the sandstone formation.
  - c. Determine the stratigraphic thickness of the sandstone formation.
- (50 mark)
- 02.** Write short notes on the following.
- a. Applications of structural geology
  - b. Application of stereographic projection in structural geology
- (50 mark)
- 03.** Compare and contrast following.
- a. Comparable Contacts and Uncomparable Contacts
  - b. Brittle Structures and Ductile Structures
  - c. Planar Fabrics and Linear Fabrics
- (50 mark)