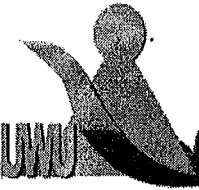


Uva Wellassa University, Sri Lanka
End Semester Examination - Aug./Sep. 2011
MRT 212-1 Industrial Minerals



Time: One (01) hour

Answer any three (3) questions

Illustrate your answer with sketch diagrams where necessary

- 01) Briefly discuss with examples how following factors affect the evaluation of potential mineral deposits.
- i. Mineralogical form
 - ii. Grain size and shape
 - iii. Size and shape of deposits
 - iv. Ore character
- (100 Marks)
- 02) Write short notes on followings
- i. Hydrothermal deposits (50 Marks)
 - ii. Secondary mineral deposits (50 Marks)
- 03) "Marine environment is the potential mineral reserve in future". Briefly discuss the above statement. (100 Marks)
- 04) You have been given a task to identify an alternative to the river sand as a construction material.
- i. Briefly discuss the different types of alternatives to river sand (50 Marks)
 - ii. What are the qualities required for sand as fillers in concrete? (50 Marks)