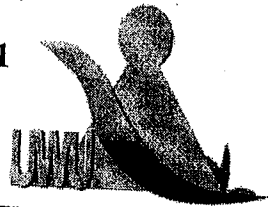


**Uva Wellassa University, Sri Lanka**  
**End Semester Examination – August/September 2011**  
**MRT 112-1 - Mineralogy and Petrology - I**

**Time: One (01) hour**



**Index Number:**

**Part A - Answer all questions**

**Part B - Answer 2 questions only**

**Illustrate your answers with sketches/diagrams where necessary**



## Part B

6. Define followings.

- a. Economic minerals
- b. Gem Minerals
- c. Organic minerals
- d. Rock
- e. Solid solution

(20 marks)

7. Describe followings.

- a. Origin of colour in minerals
- b. Asterism
- c. Metamorphism
- d. Igneous rocks

(20 marks)

8. Describe in detail the types of bonding present in minerals and how they would affect the physical properties of them.

(20 marks)

9. Write a detailed account on nesosilicate minerals describing their chemistry, structure, gross identifiable properties etc;

(20 marks)

