

Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Science and Technology
300 Level 2nd Semester Examination - Dec./Jan. 2016/17



MRT 311-2 Physics and Chemistry of Minerals



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Part C

Use separate answer book to answer following questions

01) Discuss with examples. "Type of bonding in minerals determines their physical properties"
(30 mark)

02) Compare and contrast following.

- a. Schottky defect and Frenkel Defect
- b. Displacive Polymorphism and Reconstructive Polymorphism
- c. Fluorescence and Phosphorescence

(30 mark)