

THE UNIVERSITY OF SYDNEY  
FACULTIES OF ARTS, ECONOMICS, EDUCATION AND SCIENCE

MATH2969

DISCRETE MATHEMATICS & GRAPH THEORY ADVANCED PAPER 2 GRAPH THEORY

June 2008

LECTURER: WD Palmer

TIME ALLOWED: **One and a half hours**

Name: .....

SID: ..... Seat Number: .....

**This examination has two sections: Multiple Choice and Extended Answer.**

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The Multiple Choice Section is worth 30% of the total examination;  
there are 24 questions; the questions are of equal value;  
all questions may be attempted.

Answers to the Multiple Choice questions must be coded onto  
the Multiple Choice Answer Sheet.

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The Extended Answer Section is worth 70% of the total examination;  
there are 6 questions; the marks for each question are shown;  
all questions may be attempted;  
working must be shown.

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**THE QUESTION PAPER MUST NOT BE REMOVED FROM THE  
EXAMINATION ROOM.**