THE UNIVERSITY OF MELBOURNE

Student ID:	**Seat number:**

Semester 2 Exams, 2026

School of Mathematics and Statistics

MAST30035_26_SM2 - Number Theory and Cryptography

Reading time: 15 minutes

Writing time: 3 hours

Exam Venue Rules

- Do not communicate with other students in the exam venue.
- Phones must be fully powered off and placed under your desk.
- Ensure you only have permitted materials listed on this cover sheet on your desk.
- Raise your hand if you require assistance.
- During writing time, write your student number on the cover sheet, student declaration form, and on any script books or answer pages.
- No part of the exam paper may be removed from the venue.

Permitted Materials

- Identification card (Hardcopy student ID, Passport or Australian Government-issued photo ID)
- Pencils, pens, erasers, highlighters
- Unlabelled bottle of water

Exam Instructions

- During reading time, students may not write, type, or select answers
- Show all working or calculation steps for each question
- If you require additional space for your answers, use the pages at the back of the exam paper
- Write your answers in the designated answer boxes provided for each question
- Marks and weightings differ per question. Ensure you verify the marks for each question
- Next to each question you will find its assigned marks/weight
- There is a formula sheet on page 31. Please do not remove it from the booklet. There is working space paper for your rough working on pages 32 and following. These pages will not be marked. Please do not remove them from the booklet.

Exam Weighting

This exam contains 10 questions worth 90 marks. It counts for 70% of your final mark.

This page intentionally left blank