



## EXAM INFORMATION

# GENERAL INFORMATION

- Confirm the exam date, time and venue of exam.
- Arrive at least 15 minutes before the exam starts.
- If you are more than 30 minutes late you will not be permitted to sit the exam.
- You **MUST** have your Deakin College student ID card with you.
- Personal items (wallet, mobile phone) may be brought into the exam room and should be left underneath your desk. Do **NOT** leave valuables in bags at the end of the exam room.



# GENERAL INFORMATION (CONT.)

- There are severe penalties for misbehaving or cheating in an exam. Don't bring notes or unit materials into the exam room.
- Special Consideration Application:
  - if you are ill during a exam
  - if you are unable to sit the exam due to severe illness or car accident etc.
- The form is available on the student portal and must be submitted within 2 working days of exam.
- If granted you may be eligible to sit for a deferred exam.



# EXAM INFORMATION

- The SIT103 Exam is CLOSED BOOK . This means no notes of any kind and no calculators, dictionaries or electronic devices.
- Exam duration is 2 hours plus 15 minutes of reading time.
- There is a hurdle of 50% to pass the exam and MUST have a mark of at least 50% overall in the unit to pass.
- Exam is worth 60% of the assessment for SIT103.
- The paper is marked out of 100 marks.



# EXAM PAPER FORMAT

- The exam paper consists of three sections: Section A, Section B and Section C.

- Section A is worth **20** marks.

There are 20 multiple-choice questions, each worth 1 mark. Select the ONE BEST answer for each question.

- Section B is worth **40** marks.
  - Use the given relational schema and write SQL queries answering all the questions.
  - The questions will be valued differently
- Section C is worth **40** marks.
  - This section has questions related to data modelling and normalization. Answer all the questions.



## QUESTION FORMAT – SECTION A

- Section A: MCQ each worth 1 mark.

A natural join between an order table with 7 rows and a product table with 4 rows produces a result set of \_\_\_ rows. Assume every order has a valid product id.

- A. 7
- B. 11
- C. 28
- D. 47



## QUESTION FORMAT – SECTION B

- Account(AccCode, Balance) Customer (CustCode, Name, Street, Number, City, Postcode, TelNumber) Ownership(AccCode, CustCode) SavingAccount (AccCode, IntRate) CurrentAccount(AccCode, OverdraftLimit)
- 1. Print all the customer names and addresses who has negative balance.
- 2. Calculate the interest amount of the customer whose customer number is 'A000004'



# QUESTION FORMAT

## ○ Section C: SQL Queries

## Student Table

<u>ID</u>	Name	Email	Address
1	Mike	<u>Mike@gmail.com</u>	Mont Albert Road
2	Jason	<u>Jason@yahoo.com</u>	Boxhill North

- Show the output of the following queries, based on the data shown as above set of tables. SHOW the COLUMN NAMES then THE ROW DATA.

```
SELECT ID, Name FROM Student  
WHERE Address LIKE '%Al%';
```





# QUESTION FORMAT – SECTION C

- Drawing ERD
- Mapping ERD
- Insert/ Update / Create Queries
- Transaction Management
- Normalisation
- Bitcoin, Blockchain, Bigdata & SQL



# REVIEW OF RESULTS

- Ensure any outstanding issues are resolved asap with your lecturer regarding previous assessment (quizzes, assignments etc.)
- Check the portal to ensure that marks have been entered correctly for your assessments
- Do not contact the teaching staff about your exam results
- Results will be released on February 18
- Submit a “Review of Result” form within 2 days after release of results if you strongly believe an error has been made.



# HOW TO PASS SIT103

- Always write an answer; write as much as you know (that is correct of course!)
- MCQ - always select an answer, never leave blank. Carefully check the question again to ensure that you have not missed something.
- Use LHS of script book for working in pencil. Once complete, copy your answer on RHS in black/blue pen.
- There will be 2 pages at the end for rough work or for any answers. (Please indicate clearly the page number if you are writing your answer in a different page.)

