

## Examination Period

**EXAM CODES:** FIT2081  
**TITLE OF PAPER:** Mobile Application Development - MOCK EXAM  
**EXAM DURATION:**

### Rules

During an exam, you must not have in your possession any item/material that has not been authorised for your exam. This includes books, notes, paper, electronic device/s, mobile phone, smart watch/device, calculator, pencil case, or writing on any part of your body. Any authorised items are listed below. Items/materials on your desk, chair, in your clothing or otherwise on your person will be deemed to be in your possession.

You must not retain, copy, memorise or note down any exam content for personal use or to share with any other person by any means following your exam.

You must comply with any instructions given to you by an exam supervisor.

As a student, and under Monash University's Student Academic Integrity procedure, you must undertake your in-semester tasks, and end-of-semester tasks, including exams, with honesty and integrity. In exams, you must not allow anyone else to do work for you and you must not do any work for others. You must not contact, or attempt to contact, another person in an attempt to gain unfair advantage during your exam session. Assessors may take reasonable steps to check that your work displays the expected standards of academic integrity.

Failure to comply with the above instructions, or attempting to cheat or cheating in an exam may constitute a breach of instructions under regulation 23 of the Monash University (Academic Board) Regulations or may constitute an act of academic misconduct under Part 7 of the Monash University (Council) Regulations.

### Authorised Materials

OPEN BOOK	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
CALCULATORS	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
SPECIFICALLY PERMITTED ITEMS	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

if yes, items permitted are:

### Instructions

#### IMPORTANT PLEASE READ

- This exam is divided into sections.
- In each section there are:

- 2 short answer questions labelled a and b
- 2 questions on presented code labelled a and b
- For **both** the short answer questions and the questions on presented code you should attempt to answer **both a and b**

#### **MARK DISTRIBUTION**

All questions are of equal value.

#### **HOW TO ANSWER THE QUESTIONS**

Keep your answers brief and to the point.

If you need to make multiple points to answer a question use a bullet point list with the most important and/or relevant points listed first.

## Information

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## Section 1

### Question 1

#### Short Answer Question - a

With respect to providing a platform on which to execute a mobile app, what does a thin native client and a mobile Web browser have in common?

2

Marks

### Question 2

#### Short Answer Question - b

Which app component(s) is (are) activated by an Intent?

2

Marks

### Question 3

#### Question on Presented Code - a

```
1  @Override
2  protected void onCreate(Bundle savedInstanceState) {
3      super.onCreate(savedInstanceState);
4      setContentView(R.layout.activity_main);
5
6      Intent intent = getIntent();
7      String msg =
8  intent.getStringExtra(MainActivity.EXTRA_MSG);
9      TextView tv = findViewById(R.id.textView);
10     tv.setText(msg);
11 }
```

2

Marks

What is the datatype of `MainActivity.EXTRA_MSG`? What is its purpose?

### Question 4

#### Question on Presented Code - b

```
1  @Override
2  protected void onCreate(Bundle savedInstanceState) {
3      super.onCreate(savedInstanceState);
4      setContentView(R.layout.activity_main);
5
6      Intent intent = getIntent();
7      String msg =
8  intent.getStringExtra(MainActivity.EXTRA_MSG);
9      TextView tv = findViewById(R.id.textView);
10     tv.setText(msg);
11 }
```

2

Marks

What data format does the Intent class use to store data? Briefly explain.

## Section 2

### Question 5

Short Answer Question - a

Text

2

Marks

### Question 6

Short Answer Question - b

2

Marks

### Question 7

Question on Presented Code - a

2

Marks

### Question 8

Question on Presented Code - b

2

Marks

## Section 3

### Question 9

Short Answer Question - a

Text

2

Marks

### Question 10

Short Answer Question - b

2

Marks

### Question 11

Question on Presented Code - a

2

Marks

### Question 12

Question on Presented Code - b

2

Marks

## Section 4

### Question 13

Short Answer Question - a

Text

2

Marks

### Question 14

Question on Presented Code - a

2

Marks

### Question 15

Question on Presented Code - b

2

Marks

### Question 16

Short Answer Question - b

2

Marks

## Section 5

### Question 17

Question on Presented Code - a

2

Marks

### Question 18

Question on Presented Code - b

2

Marks

### Question 19

Short Answer Question - a

Text

2

Marks

### Question 20

Short Answer Question - b

2

Marks



## Section 6

### Question 21

Question on Presented Code - a

2

Marks

### Question 22

Question on Presented Code - b

2

Marks

### Question 23

Short Answer Question - a

Text

2

Marks

### Question 24

Short Answer Question - b

2

Marks

## Section 7

### Question 25

Question on Presented Code - a

2

Marks

### Question 26

Question on Presented Code - b

2

Marks

### Question 27

Short Answer Question - a

Text

2

Marks

### Question 28

Short Answer Question - b

2

Marks

## Section 8

### Question 29

Question on Presented Code - a

2

Marks

### Question 30

Question on Presented Code - b

2

Marks

### Question 31

Short Answer Question - a

Text

2

Marks

### Question 32

Short Answer Question - b

2

Marks

## Section 9

### Question 33

Short Answer Question - a

Text

2

Marks

### Question 34

Short Answer Question - b

2

Marks

### Question 35

Question on Presented Code - a

2

Marks

### Question 36

Question on Presented Code - b

2

Marks