

COMP 3132SEF / S313F – Test 2 (Sample) – Solution

Question 1

[10 marks]

- (a) True
- (b) True
- (c) True
- (d) True
- (e) True

Question 2

[6 marks]

- Node.js
- Android SDK
- Cordova command-line interface (CLI)

Question 3

[19 marks]

```
<table border="1">
  <caption style="font-size:2em">Course List</caption>
  <thead>
    <tr>
      <th>Course code</th>
      <th>Course title</th>
      <th>Credit</th>
      <th>Tuition Fee</th>
    </tr>
  </thead>
  <tbody id="courselist">
  </tbody>
</table>
```

```
var courselist = document.getElementById("courselist");
var row = courselist.insertRow();

var codeCell = row.insertCell();
codeCell.innerHTML = course.code;

var titleCell = row.insertCell();
titleCell.innerHTML = course.title;

var creditCell = row.insertCell();
creditCell.innerHTML = course.credit;

var categoryCell = row.insertCell();
categoryCell.innerHTML = course.category;
```

```
var feeCell = row.insertCell();  
feeCell.innerHTML = course.credit * 1250;
```

Question 4

[6 marks]

- **Component**
- **Props**
- **State**

Question 5

[9 marks]

(a)

83

YES

NO

Is the above number a prime number?

(b)

- If “YES” button is clicked and it is a prime number or “NO” button is clicked and it is a not prime number, update the state variable “feedback” to notify user the answer is correct
- Otherwise, update the state variable “feedback” to notify user the answer is incorrect

[END OF TEST PAPER]