



COMSATS UNIVERSITY ISLAMABAD
DEPARTMENT OF COMPUTER SCIENCE
Mid-Term Examination, Fall 2022

Class: - BS CS/SE
Subject: - Mobile Application Development
Instructor: - Mr. Junaid Ali Khan / Mr. Asif M.

Marks: - 25
Time: - 90 minutes
Dated: - Nov 15, 2022

Instructions

- Attempt all questions on the answer sheet and return the question paper along with it.
- Avoid giving unnecessary details.
- Q#1(f, g) is mapped to CLO1. Q#1(a-e) and Q#2 are mapped to CLO2. Question 03 is mapped to CLO3.

Q# 01: - Answer the following questions briefly. (Marks 6+2=8)

- Differentiate between 'var' and 'let' in JavaScript.
- What is the use of the 'ES6 default parameter' in JavaScript? Explain with a short example.
- Which type of JavaScript is passed by value?
- What are the required props of the FlatList component?
- Write the names of any four React Native components having the **OnPress** prop?
- Write the names of any technologies used for native mobile application development.
- What are the advantages and disadvantages of using hybrid and native mobile application technologies? (2)

Q# 02: - What is the output of the following programs? In case of an Error, specify. (Marks 5)

(a)	<pre>var x = 0.1+"0.2" console.log(x)</pre>	
(b)	<pre>var a = {}, b = {key: 'b'}, c = {key: 'c'}; a[b] = 123; a[c]=456; console.log(a[b]);</pre>	
(c)	<pre>var arr = false == '0' console.log(arr)</pre>	
(d)	<pre>var arr = ['five', 10, 'fifteen'] arr[4] = 35 console.log(arr.length)</pre>	
(e)	<pre>var b = 1; function outer(){ var b = 2 function inner(){ b++; var b = 3; console.log(b) } inner(); } outer();</pre>	