

B.Sc.(IT) Semester - 6 (CBCS) Examination**May/June-2021 (NEW COURSE)****Mobile Computing using Android and iPhone (Core)****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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| Q.1(A) | Answer following Questions | (03) |
| | <ol style="list-style-type: none">1. OHA stands for.....2. What is emulator?3. What is service? | |
| Q.1(B) | Answer Any Two | (06) |
| | <ol style="list-style-type: none">1. Explain Android Manifest File.2. Write a Steps How to Create AVD.3. Explain R.java File.4. Explain application resources in a hierarchy. | |
| Q.1(C) | Answer Any One | (05) |
| | <ol style="list-style-type: none">1. Explain Android Activity Lifecycle with example.2. What is intent? Explain any one in detail. | |
| Q.2(A) | Answer following Questions | (03) |
| | <ol style="list-style-type: none">1. Padding is the spaces outside the border. True/false2. What is canvas?3. How to take input from user in android | |
| Q.2(B) | Answer Any Two | (06) |
| | <ol style="list-style-type: none">1. Explain Spinner widget.2. Explain ListView widget3. Explain View and View Group.4. Explain padding and margin property. | |
| Q.2(C) | Answer Any One | (05) |
| | <ol style="list-style-type: none">1. Explain dialog with example2. Explain Twined Animation in android | |
| Q.3(A) | Answer following Questions | (03) |
| | <ol style="list-style-type: none">1. Which Storage is not always available?2. What is SQLite?3. API stands for | |

- Q.3(B) Answer Any Two (06)
1. Explain different File Mode.
 2. Explain Applications with Content Providers.
 3. Write a program to read data from data.txt file.
 4. What is Rest API in Android?
- Q.3(C) Answer Any One (05)
1. Write a program to add new record and display all record using ListView.
 2. Explain Share Preferences in detail.
- Q.4(A) Answer following Questions (03)
1. GPS stands for
 2. Give Full name of JSON.
 3. Which widget used to display webpage in android application?
- Q.4(B) Answer Any Two (06)
1. Explain latitude and longitude method.
 2. Write a program to Vibrating the phone.
 3. Explain notification with example.
 4. Explain Geocoding Locations.
- Q.4(C) Answer Any One (05)
1. Write a program to check internet connection available or not.
 2. Write a step How to publish android application
- Q.5(A) Answer following Questions (03)
1. Which IDE used to develop iPhone Application?
 2. In which store iPhone applications upload?
 3. MVC stands for
- Q.5(B) Answer Any Two (06)
1. Write a step How Create X-Code Application
 2. What is Storyboard?
 3. Explain Button in iPhone
 4. Explain Textbox in iPhone
- Q.5 (C) Answer Any One (05)
1. Explain Cocoa Touch And MVC
 2. Explain X- Code IDE in detail
