

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination**Oct/Nov. -2019 - [NEW COURSE]****Hybrid Mobile Applications Development Using Web Technologies (Core)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que-1 [A] Answer the following Questions. [03]

1. Full form of LESS
2. What is the extension of bootstrap design file?
3. What is the full form of npm?

Que-1 [B] Answer the following question(Any Two) [06]

1. Explain Audio Tag
2. Explain Video Tag
3. HTML5 Form Validation with Suitable Example
4. What is the use of Bootstrap?

Que-1 [C] Answer the following question(Any One) [05]

1. What is Cordova and Write a Step to install Cordova using git and npm.
2. Explain Data Storage API with Suitable Example.

Que-2 [A] Answer the following questions. [03]

1. _____ angular directive help to show hide content.
2. _____ keyword is used to create variable in JavaScript.
3. Full form of MVC.

Que-2 [B] Answer the following question.(Any Two) [06]

1. What is function in JavaScript explain with suitable example.
2. What is JQuery how it is usefull?
3. Explain How to declare function in JQuery with suitable code.
4. What is the role of angular.js in IONIC.

Que-2 [C] Answer the following question.(Any one) [05]

1. Explain following Directives: (ng-click, ng-show, ng-hide, ng-bind, and ng-model)
2. What is Filters explain with suitable example.

Que-3 [A] Answer the following questions. [03]

1. Explain button component.
2. What is plug-in?
3. Full form of CLI.

Que-3 [B] Answer the following questions.[Any one]

1. Write a step to install ionic.
2. List out types of project created in ionic.
3. Explain Range Component.
4. Explain Card Component.

Que-3 [C] Answers the following question.(Any one)

[05]

1. Write a Code to Create a Splash Screen in IONIC.
2. Explain what is ActionSheet in logic and how it is useful.

Que-4 [A] Answer the following questions.

[03]

1. _____ function use to remove last insert element from array
2. Json_encode function convert string into array is it true or false?
3. Full form of CRUD

Que-4 [B] Answer the following question(Any Two)

[06]

1. Explain Associative Array of PHP with suitable Code
2. Write a Step to install Node.js
3. Explain File_get_contents ()function
4. Explain in_array function

Que-4 [C] Answer the following question(Any one)

[05]

1. Write a code to read data from mysql in tabular format
2. Explain json_encode & json_decode function with suitable code

Que-5 [A] Answer the following questions.

[03]

1. _____ is used to upload local repository content to a remote repository.
2. _____ is used to fetch and download content from a remote repository
3. _____ is used to save your changes to the local repository

Que-5 [B] Answer the following question.(Any Two)

[06]

1. Write a command to install camera plug – in using cordova ionic
2. Explain rollback and init command
3. What is git and how it is usefull in project.
4. Explain status and branch command of git.

Que-5 [C] Ans wer the following question(Any one)

[05]

1. Write a step to Publishing application on Play Store
2. Explain Git Push & pull OPERations
