

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination
Oct/Nov-2022 (OLD 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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- Q.1(A) Answer the following questions. (04)
1. What is IONIC?
 2. API Stands For _____
 3. What is CSS?
 4. What is LESS?
- Q.1(B) Answer the following question. (Any one) (02)
1. Explain what is Hybrid Application?
 2. What is Form Validation?
- Q.1(C) Answer the following question. (Any one) (03)
1. What is angular JS?
 2. What is Cordova and How it work with Hybrid Application?
- Q.1(D) Answer the following question. (Any one) (05)
1. Explain Local Storage & Session Storage.
 2. List out and explain the types of Storage API available in HTML5.
- Q.2(A) Answer the following questions. (04)
1. _____keyword is used to create a function in JavaScript.
 2. Which keyword is used to create a Variable in jQuery?
 3. JavaScript execute in client machine. is it true or false?
 4. MVC stands for Model View and Class. is it true or false?
- Q.2(B) Answer the following question. (Any one) (02)
1. what is the use of ng-click and ng-submit in angularjs?
 2. what is the role of angular.js into ionic with suitable example?
- Q.2(C) Answers the following question. (Any one) (03)
1. Explain \$state, \$stateParams, \$stateProvider.stat()
 2. List out and explain angular.js forms validation.
- Q.2(D) Answer the following question. (Any one) (05)
1. Explain any 4 angular directives.
 2. Explain angular.js forms with suitable example.
- Q.3(A) Answer the following questions. (04)
1. what is the command to create a tabs project in ionic using Command Line?
 2. _____ command is used to check the version of Cordova using Command Line.
 3. In which file ionic control event logic will be define?
 4. Explain Button in ionic.
- Q.3(B) Answer the following question. (Any one) (02)
1. Explain Button in ionic with example.
 2. List out types of project create in ionic.

- Q.3(C) Answers the following question. (Any one) (03)
1. Step to create Icon & Splash Screen In ionic.
 2. Explain Following JavaScript Component: Checkbox, Radio Button, Action Sheet.
- Q.3(D) Answer the following question. (Any one) (05)
1. Explain popover, tabs, grid and dropdown Example.
 2. Explain ngCordova plugins.
- Q.4(A) Answer the following questions. (04)
1. _____php function is used to remove element in to array.
 2. What is JSON?
 3. CRUD stands for?
 4. _____ php function is used to search element from array.
- Q.4(B) Answer the following question. (Any one) (02)
1. What is MySQL?
 2. Step to install node.js
- Q.4(C) Answers the following question. (Any one) (03)
1. Explain the Architecture of Nodejs with suitable example.
 2. Explain file_get_contents("php://input")
- Q.4(D) Answer the following question. (Any one) (05)
1. write a code to display a record from MySQL using php a in json format.
 2. Explain json_encode and json_decode with suitable example.
- Q.5(A) Answer the following questions. (04)
1. Play Store is used to upload android application is it true or false?
 2. _____plugin is used to access camera in ionic?
 3. AppStore is used to upload iPhone application is it true or false?
 4. what is the use of push command in git?
- Q.5(B) Answer the following question. (Any one) (02)
1. how to add ionic-native-audio and ionic-media?
 2. Explain what is git and how it is useful?
- Q.5(C) Answers the following question. (Any one) (03)
1. What is the use of play store?
 2. What is the use of AppStore?
- Q.5(D) Answer the following question. (Any one) (05)
1. Explain push, pull, commit, branch command of git.
 2. Explain status, init, rollback, clone command of git.
