

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination
Oct/Nov-2022 (NEW COURSE)

Hybrid Mobile Applications Development Using Web Technologies (Core (New))

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. (03)
1. CSS Stands For
 2. SCSS Stands For
 3. API Stands For
- Q.1(B) Answer the following question. (Any Two) (06)
1. What is Hybrid Application?
 2. Explain Local Storage.
 3. Explain IndexedDB With Suitable Example.
 4. Explain Session Storage with Suitable Example.
- Q.1(C) Answer the following question. (Any one) (05)
1. Difference between CSS, SCSS and Less.
 2. How bootstrap.css will help to design a hybrid mobile application?
- Q.2(A) Answer the following questions. (03)
1. Full Form of UI.
 2. Which symbol is used to define a function in jQuery?
 3. Which keyword is used to define a variable in JavaScript?
- Q.2(B) Answer the following question. (Any Two) (06)
1. Explain NG-Model.
 2. Explain Ng-Bind.
 3. Explain NG-Click.
 4. Explain NG-Repeat.
- Q.2(C) Answers the following question. (Any one) (05)
1. Explain Angular Validation with Suitable example.
 2. Explain MVC Architecture of AngularJS.
- Q.3(A) Answer the following questions. (03)
1. Full Form of CLI.
 2. Full Form of URL.
 3. Full Form of MVC.
- Q.3(B) Answer the following question. (Any Two) (06)
1. Explain Header Component.
 2. Explain and List out the types of Project template available in IONIC.
 3. Explain Button and Checkbox Component.
 4. Explain Action Sheet Component.
- Q.3(C) Answers the following question. (Any one) (05)
1. Explain SideMenu Components with Suitable Example.
 2. Explain tabs, grid forms and model components.
- Q.4(A) Answer the following questions. (03)
1. Full Form of JSON.
 2. Full Form of PHP.
 3. Full Form of CRUD.

- Q.4(B) Answer the following question. (Any Two) (06)
1. Explain Array_push() , array_pop() function.
 2. Write a Step to Installation of Node.js .
 3. Explain array_search() , in_array() function.
 4. Explain Json_encode() , json_decode() function.
- Q.4(C) Answer the following question. (Any one) (05)
1. What is Node.js and Explain Architecture of Node.js?
 2. Write a Code to Perform CRUD Operation using PHP and MySQL.
- Q.5(A) Answer the following questions. (03)
1. _____ git command is used to upload local repository content to a remote repository.
 2. _____ git command is used to receive data from GitHub.
 3. _____ git command is used to check the commit history.
- Q.5(B) Answer the following question. (Any Two) (06)
1. Explain the commit command.
 2. Explain the rollback command.
 3. Explain the init command.
 4. Explain the push command.
- Q.5(C) Answers the following question. (Any one) (05)
1. What is Git and how it is useful in project?
 2. Step to build and publication application in app store and play store.
