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Total No. of Questions : 5]

SEAT No. :

P6985

[5865] - 203

[Total No. of Pages : 4

F.Y.M.C.A - (Management Faculty)
IT - 23 : ADVANCED INTERNET TECHNOLOGIES
(2020 Pattern) (Semester - II)



Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Draw neat & labeled diagrams wherever necessary.

Q1) Choose the correct option (½ mark each).

[10]

- 1) An article element contains _____.
 - a) Audio
 - b) Image
 - c) Text or embedded content
 - d) None of the above
- 2) What is the correct syntax of doctype in html 5?
 - a) < /doctype html>
 - b) <: doctype html>
 - c) <:!doctype html>
 - d) <:;!DOCTYPE html>
- 3) ____ selector applies styles to elements that must be addressed before submission.
 - a) : must
 - b) : required
 - c) : must-be
 - d) : addressed
- 4) Which of the following CSS property is used to set the background image of an element?
 - a) background - attachment
 - b) background - image
 - c) background - color
 - d) none of the above
- 5) Choose the module which is used to serve static resources in Node.js?
 - a) http
 - b) node - static
 - c) node - resource
 - d) static
- 6) Which of the following command is used to install the Node.js express module?
 - a) \$npm install express
 - b) \$node install express
 - c) \$install express
 - d) \$npmnode install express

P.T.O.



- 7) Node.js is written in ____.
- a) C, C++, Javascript b) C, Python, Javascript
c) C, C++, Java d) C, C++, PHP
- 8) The Node.js modules can be exposed using:
- a) expose b) module
c) exports d) all of the above
- 9) Which method of fs module is used to open a file?
- a) fs.open (path, flags [,mode], call back)
b) fs.openFile (path, flags [,mode], call back)
c) fs.openPath (path, flags [,mode], call back)
d) none of the above
- 10) Which of the following is the correct syntax for writing AngularJS expressions?
- a) {expression} b) {{expression}}
c) {{{expression}}} d) [expression]
- 11) Which of the following syntax is used to create a module in AngularJS?
- a) var myModule = angular.module (,);
b) var myModule = new Module (,);
c) module ("app", []);
d) none of the above
- 12) Using ____ you can share data between controller and view.
- a) \$ Scope b) Services
c) Factory d) \$ Rootscope
- 13) ____ directive is used to start an angularJs application.
- a) ng-init b) ng-app
c) ng-controller d) ng-model
- 14) ____ is not a validation directive in angularJS.
- a) ng-app
b) ng-required
c) ng-minlength
d) ng-pattern
- 15) Variable name in PHP starts with.
- a) !(Exclamation) b) \$(Dollar)
c) &(ampersand) d) #(Hash)

- Q3) a) What is Node.js? Explain its working & features? [5]
b) Create a login form, both username & password fields are mandatory, after entering the values transfer user control to next web page showing message as "You have login successfully". (Use ng-href & ng-required) [5]

OR

- a) Explain routing in AngularJS with suitable example. [5]
b) Write a program to show current date and time using user defined module in node.js. [5]
- Q4) a) Explain video & svg tag in HTML 5 with suitable example. [4]
b) Write a PHP script to demonstrate multidimensional arrays. [4]
c) What is cookie & session in PHP [2]

OR

- a) What is HTML5. Explain its features and advantages. [4]
b) Write a PHP script to create a database using MYSQL. [4]
c) What is Define function in PHP. [2]
- Q5) a) What is pseudo classes in CSS explain with suitable example. [4]
b) Write a PHP script to design a form for exam registration. Insert 5 records in database and display all the inserted records on new page. [6]

OR

- a) What are the objectives of CSS architecture. [4]
b) Write a PHP script to design a form to reschedule the journey dates of flights and display the updated information on new web page. [6]

