

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)

- 16) Which of the following is used to display the output in PHP?
- Echo
 - Write
 - Print
 - Both (a) & (c)
- 17) Which of the following is the correct way to create a function in PHP?
- Create myFunction()
 - New-function myFunction()
 - Function myFunction()
 - Create function myFunction()
- 18) Which of the following function is used to set cookie in PHP?
- Createcookie ()
 - Makecookie ()
 - Setcookie ()
 - None of the above
- 19) PHP stands for
- Hypertext Preprocessor
 - Pretext Hypertext Preprocessor
 - Personal Home Processor
 - None of the above
- 20) What will be the output of the following program?
- ```
<?php
 $ var 1 = "Hello";
 $ var 2 = "World";
 echo $var1, $var2;
?>
```
- HelloWorld
  - Hello, World
  - Hello World
  - Hello + World

- Q2)** a) Explain Event handling in Node. js with suitable example. [5]  
 b) Write a program to display string in uppercase & lowercase using Angular JS filters. [5]

OR

- Explain ng-app, ng-model and ng-bind with suitable example. [5]
- Write a program for multiplication of 2 numbers using event handling in node. js. Call multiplication function as an event call. [5]

- 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]

