

Travelers EDP Week 1 Review

1. What are common components of a web page?

- a) HTML, JavaScript, Java code
- b) HTML, JavaScript, Embedded Java class
- c) HTML, JavaScript, CSS**
- d) HTML, CSS, Python script
- e) None of the above

2. Which of the following statements are false? Select all that apply.

- a) DOM of a web page is a tree-like hierarchy of the page elements
- b) DOM of a web page will be created after rendering the page**
- c) DOM of a web page will be created before rendering the page
- d) DOM is a programming interface for web pages
- e) None of the above

3. Consider the following HTML document with embedded CSS.

```
<!DOCTYPE html>

<style>

* {color: red;}

p {color: green;}

header {color: yellow;}

div header {color: blue;}

</style>

<body>

<div><p><header>I love Travelers !</header></p></div>

</body>
```

In what color will " I love Travelers !" be displayed?

- a. red
- b. blue**
- c. green
- d. yellow
- e. None of the above

4. Which of the following statements are FALSE? Select all that apply.

- a) MERN stands for MongoDB, Express, React, Node
- b) MERN Application code is written in JavaScript language
- c) Single Page Application dynamically updates the pages instead of loading new pages
- d) A git pull request is a request to permanently remove a file from a repository.
- e) None of the above

5. Which of the following git commands takes changes committed to the local repository branch and applies them to a remote repository branch?

- a) git clone
- b) git push
- c) git pull
- d) git checkout
- e) None of the above

6. Which of the following are true statements about the node_modules directory in a project?

- a) It should be stored in a source code management system.
- b) It is uploaded to the NPM registry as part of the build process.
- c) It contains minified JavaScript and CSS files for production deployment.
- d) It stores package dependencies required by the application.
- e) None of the above

7. What is the result of running the command *npm install* in a directory with a package.json file?

- a) The application is installed on the server defined in package.json
- b) The dependencies defined in package.json will be downloaded.
- c) The application is committed to the branch defined in package.json
- d) The application defined in package.json is packaged for production
- e) None of the above

8. What is DevOps?

- a) DevOps is a programming language
- b) DevOps is a software development model
- c) DevOps is the union of People, Process, and Tools to enable continuous delivery of value to our end users
- d) DevOps is an Object-Oriented solution approach to provide software solutions.
- e) None of the above

9. Which of the following commands will generate a new package.json file for a project?

- a) npm config
- b) npm init
- c) npm install
- d) npm edit
- e) None of the above

10. What is the output of the following JavaScript code?

```
let name = "travelers"
let zipcode= 48336
let phone= "800-234-3561"
console.log(`name: {name} zipcode: ${zipcode} phone: ${phone}`)
```

- a) name: travelers zipcode: 48336 phone: 800-234-3561
- b) name: travelers zipcode: 48336 phone: undefined
- c) name: {name} zipcode: 48336 phone: 800-234-3561
- d) name: {name} zipcode: {zipcode} phone: {phone}
- e) None of the above

11. Which of the following statements are true? Select all that apply.

- a) Jenkins pipelines may be written in JavaScript.
- b) The Git command: commit takes a snapshot of the working directory.
- c) JavaScript fetch() method fetches resources asynchronously across the network.
- d) Jenkins pipelines cannot support human interaction in the build process.
- e) None of the above

12. How can two team members edit and modify the same file that is stored in Git?

- a) First member should get the Git lock, modify, and save. After the first member completes the work, the second member should get the Git lock, modify, and save.
- b) There will be a deadlock when they try to access the file at the same time.
- c) They can make changes in separate copies and then perform a git merger.
- d) They will have to plan not to edit the same file at the same time.
- e) None of the above

13. A Service account in Jenkins is an account to store credentials required to access external systems from within Jenkins environment. Is this statement true or false?

- a) True
- b) False
- c) Confusing statement I don't like it
- d) Don't know
- e) None of the above

14. GitHub pull requests notify others about changes you have pushed to a branch in a GitHub repository. Is this statement true or false?

- a) True
- b) False
- c) Confusing statement I don't like it
- d) Don't know
- e) None of the above

15. What is the output of the following JavaScript code?

```
function test(data) {  
  if (data === undefined) {  
    return 'undefined value!';  
  }  
  if(!data){  
    return "data is not defined"  
  }  
  return data;  
}  
  
let input;  
console.log(test(input));
```

- a) null
- b) undefined value!
- c) data is not defined
- d) ReferenceError
- e) None of the above

16. Which of the following JavaScript code will display the current date and time?

- a) `var today = new Date("today");`
`document.write(today);`
- b) `var today = new Date();`
`document.write(today);`
- c) `var today = Date.currentDate;`
`document.write(today);`
- d) `var today = new CurrentDate()`
`document.write(today);`
- e) None of the above

17. Which of the following is the flow of CI-CD pipeline?

- a) Version Control, Build, Deploy, Test
- b) Version Control, Build, Test, Deploy**
- c) Build, Deploy, Version Control, Test
- d) Build, Deploy, Test, Version Control
- e) None of the above

18. Select the valid statement for AWS EC2 Auto Scaling

- a) It provides monitoring for AWS
- b) It provides object storage for AWS
- c) It provides elasticity for AWS virtual machines**
- d) It provides CI/CD for AWS
- e) None of the above

19. By default, all S3 buckets are open to the world for public access when you create an object inside of a brand-new unmodified AWS account? Is this statement true or false?

- a) True
- b) False**
- c) Not sure
- d) Don't know

20. What is the name of the AWS managed service that provides MySQL, Oracle, MS SQL, PostgreSQL, and MariaDB as options?

- a) S3
- b) Cassandra
- c) RDS**
- d) Cloud Data
- e) None of the above