|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **\P.V.P Siddhartha Institute of Technology(Autonomous)** | | | | | | | | | | | | | | | | | | **Signature of Invigilator with date:** | | **Marks Obtained:** | |
| **Department of Computer Science and Engineering** | | | | | | | | | | | | | | | | | |
| **Course: B.Tech** | | **Year: III** | | | | | | **Semester: II** | | **Objective: II** | | | | | | | |
| **Regulation: PVP20** | | **Maximum Marks:10Marks** | | | | | | | | | | **Session: F.N** | | | | | |
| **A.Y: 2024-25** | | **Date: 25-03-2025** | | | | | | | **Duration: 20 min** | | | | | | | | |
| **Subject Code: 20CS3603** | | | | | | | **Subject Name: MERN STACK DEVELOPMENT** | | | | | | | | | | | | | | |
| **Registered Number:** | | | | | | | | | | | **Name:** | | | | | | | | | | |
| **Answer all the Questions. Each Question carries ½ Mark 20×½ M=10M** | | | | | | | | | | | | | | | | | | | | | |
| **S.No** | **Question** | | | | | | | | | | | | | | | | | | **CO** | **Level** | **Answer** |
|  | In combination with a request method in Express,js, root paths define the endpoints at which requests can be made. Which of the following are valid forms of route path? | | | | | | | | | | | | | | | | | | CO1 | L2 | D |
| A) Strings | | | | | | | | B) String patters | | | | | | | | | |
| C) String expressions | | | | | | | | D) All of the above | | | | | | | | | |
|  | How is it possible to create chainable route handlers for a route path in Express.js? | | | | | | | | | | | | | | | | | | CO1 | L2 | A |
| A) Using app.route() | | B)Using app.routes() | | | | | | C)Using app.router() | | | | | | D)Using app.routing() | | | |
|  | Which of the following function arguments are available to Express.js Route handlers? | | | | | | | | | | | | | | | | | | CO1 | L2 | D |
| A) req | | | B) resp | | | | | C) next | | | | D) All of the above | | | | | |
|  | In Express.js, the method app.all(path, callback [, callback ...]) can accept all HTTP methods: | | | | | | | | | | | | | | | | | | CO1 | L2 | A |
| A) True | | B) False | | | | | | C) Insufficient data | | | | | | D) None of the above | | | |
|  | To use Mongo with Express.js, we need a client API for node. | | | | | | | | | | | | | | | | | | CO1 | L2 | A |
| A) True | | B) False | | | | | | C) can be true or false | | | | | | | D) None of the above | | |
|  | JSX stands for... | | | | | | | | | | | | | | | | | | CO1 | L2 | A |
| A) JavaScript XML | | B) Java Syntax Extension | | | | | | C) JavaScript Syntax | | | | | | D) Java Structured XML | | | |
|  | What is the correct syntax for embedding a JavaScript expression in JSX? | | | | | | | | | | | | | | | | | | CO1 | L2 | A |
| A{expression} | | | | B) expression | | | | C) $expression | | | | | | | D) #expression | | |
|  | What are Props in React? | | | | | | | | | | | | | | | | | | CO1 | L2 | B |
| A) Internal state of a component | | B) Data passed from a parent component to a child component | | | | | | C) Functions inside a component | | | | | | D) External libraries used in React | | | |
|  | Consider this code snippet:  <div><MyComponent /></div>  What does MyComponent represent here? | | | | | | | | | | | | | | | | | | CO1 | L2 | B |
| A)A parent component | | | | | B) A child component | | | C) A state variable | | | | | | | | D) A prop | |
|  | Which of the following is the correct syntax to create a collection in MongoDB? | | | | | | | | | | | | | | | | | | CO1 | L2 | A |
| * A) db.createCollection(“collection\_name”) | | | | * B) db.collection(“collection\_name”) | | | | * C) db.create(“collection\_name”) | | | | | * D) create(“collection\_name”) | | | | |

**P.T.O**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | What will be the output of this code snippet? class MyComponent extends React.Component { constructor(props) { super(props); this.state = { count: 1 }; } render() { return  {this.state.count}  ; } } | | | | | | | | CO1 | L2 | A |
| A) 1 | | | | B) 0 | | | |
| C) undefined | | | | D) An error message | | | |
|  | Which of the following MongoDB commands is used to show all databases? | | | | | | | | CO1 | L2 | A |
| A) show databases | B) show all | | C) db.list() | | | | D) display databases |
|  | Which command is used to start the MongoDB server? | | | | | | | | CO1 | L2 | A |
| A) mongod | | | B) mongo | | | | |
| C) runmongo | | | D) startdb | | | | |
|  | Which of the following is the default port used by MongoDB? | | | | | | | | CO1 | L2 | C |
| A) **3306** | | B) **5432** | | C) 27017 | | D) 8080 | |
|  | What is Babel? | | | | | | | | CO1 | L2 | A |
| A) Compiler | | | | | B) Interpreter | | |
| C) Both A & B | | | | | D) None of these | | |
|  | import React, { Component } from 'react';  const App = () => {          return(           <div>              <h1 className = "hello" >{25+20}</h1>           </div>        );  }  export default App; | | | | | | | | CO1 | L2 | B |
| A) hello | | B) 45 | | C) hello45 | | | D) error |
|  | What is the purpose of React state? | | | | | | | | CO1 | L2 | C |
| A) To store static data | | | B)To store styles | | | | |
| C)To store dynamic data | | | C) To store function | | | | |
|  | What is React component? | | | | | | | | CO1 | L2 | D |
| A) HTML document | B) A HTML element | | C) A CSS stylesheet | | | | D) A JavaScript function |
|  | Which of the following operations provides a sorted list of the documents in a collection? | | | | | | | | CO1 | L2 | A |
| A)db.<collection\_name>.sort() | | | B)  db.<collection\_name>.arrange() | | | | |
| C)db.<collection\_name>.listSorted() | | | D) db.<collection\_name>.orderBy() | | | | |
|  | In which format does MongoDB store its data? | | | | | | | | CO1 | L2 | D |
| A) XML | | | C) JSON | | | | |
| B) CSV | | | D) BSON | | | | |