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| **\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**

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|  | 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 |