

Department Of Information Technology

Internet Programming Question Bank

Module 1: CO1-

1. Explain Working of web browser.
2. Discuss HTTP protocol, HTTPS,
3. Discuss in detail DNS
4. Explain in detail TLS
5. Explain XML & Json with example.
6. Explain DOM.
7. Explain URL, URI.
8. Discuss REST API in detail.

Module 2: CO2 - JS

1. State Difference between ES5 and ES6.
2. Explain Variables- var let & const with example.
3. Explain Loops with eg.
4. Explain Functions with eg.
5. Explain Event handling.
6. Explain Arrow functions
7. Explain Classes
8. Explain Inheritance with suitable example
9. Explain Method overriding and super
10. Explain Iterators and Generators
11. Explain Promise
12. Explain Client-server communication.
13. Explain Fetch using Get method
14. Explain Fetch using POST method

Module 5: CO5- Node js

1. Explain Traditional & Asynchronous programming.
2. Explain features of Nodejs
3. Discuss Advantages of Nodejs
4. Explain Callback concept.
5. Explain Event loops.
6. Explain REPL.
7. Explain Event emitter
8. Discuss Networking module,.
9. Discuss Buffers.Streams.
10. Discuss File system.
11. Discuss Web module.

Department Of Information Technology

Internet Programming Question Bank

Module 3: CO3- Basic React

1. Explain Folder and file structure in React Environment.
2. Discuss Components with example,
3. Explain Component lifecycle.
4. Discuss State with suitable example.
5. Discuss Props with suitable example.
6. Explain React Router with example.
7. Explain Forms handling in Reactjs
8. Explain Events in Reactjs
9. Discuss Animations in React.
10. Explain the Best practices in Reactjs.
11. Differentiate between State & props.
12. Explain CSS in Reactjs

Module 4: CO4 Advance React

1. Explain Refs with example.
2. Discuss Refs current properties.
3. Explain syntax to create and access Refs.
4. Explain adding Refs to DOM elements and Class components.
5. Explain Callbacks Refs.
6. What are Hooks and explain rules of Hooks.
7. Explain Hooks Effects
8. Discuss Effects without Cleanup and with Cleanup
9. Explain Custom Hooks.
10. Explain Model-View-Controller architecture framework.
11. Explain features of MVC.
12. Explain Flux.
13. Differentiate Flux Vs. MVC

Module 6: CO6 : Express

1. Explain features of Express.js
2. Discuss Express router with suitable example.
3. Explain Express.js Cookies management with example.
4. Explain Authentication.
5. Explain sessions

Department Of Information Technology
Internet Programming Question Bank

6. Explain scaffolding
7. Explain directory structure in Express generator.
8. Discuss Express.js Middleware with example.

SD/-

Ms. Martina D'souza
Subject Incharge