



INNOVATIVE PEDAGOGICAL PRACTICES - REPORT

Doc No:	CAHCET/AD/MCA/CF-04A
Rev. No & Issue No	00 & 01
Rev Date:	03.01.2025

Name of Subject & Code : MC25203-Full Stack Web Development

Year / Sem / Section: I / II / -

Topic: UNIT 1

Activity : QUIZ

Date of Activity & Venue: 19-01-2026_& Class Room

1. Objectives

After this session, students will be able to:
Understanding and reinforce learning.

2. Description of the Activity

The quiz activity was conducted in the classroom to evaluate students' understanding of the subject. It included a set of questions covering key concepts discussed during the session. Students actively participated and responded within the given time. The activity helped improve knowledge retention and encouraged interactive learning.

3. Learning Outcome

Students can enhance students' understanding, critical thinking, and subject knowledge.

1. In web architecture, which component is responsible for the user interface and browser execution?

- A) Backend B) Database C) Frontend D) Operating System

2. What does the "E" stand for in MERN?

- A) Elasticsearch B) Express.js C) Ember.js D) Engine.io

3. Which tool is the default package manager for Node.js?

- A) VS Code B) npm C) Docker D) Kubernetes

4. Which HTML tag is used for metadata and does not appear on the rendered page?

- A) <body> B) <div> C) <meta> D) <header>

5. Which attribute is essential for image accessibility for screen readers?

- A) src B) width C) title D) alt

6. What is the primary role of MongoDB in the MERN stack?

- A) UI Rendering B) Document-based data storage C) Server-side routing D) Code transpilation

7. Which attribute uniquely identifies data when an HTML form is submitted?

- A) id B) class C) name D) type

8. Where does React typically run?

- A) On the server B) In the browser C) In the database
D) On the operating system



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9. Which tag is used to embed audio files in HTML5?

- A) <sound> B) <audio> C) <music> D) <media>

10. What is VS Code?

- A) A web browser B) A code editor C) A database D) A server

11. A Full Stack developer works on:

- A) Only visual design B) Only database architecture C) Both client-side and server-side
D) Only documentation

12. Node.js is best described as a:

- A) Programming language B) JavaScript runtime C) UI library D) Relational database

13. Which element groups related elements in a form with a visual border?

- A) <section> B) <fieldset> C) <div> D) <group>

14. What is the "Network" tab in browser tools used for?

- A) Editing CSS B) Inspecting HTML C) Monitoring HTTP requests D) Managing cookies

15. Which meta tag ensures mobile responsiveness?

- A) Charset B) Viewport C) Description D) Author

16. How does React communicate with the backend?

- A) Direct database access B) HTTP requests (APIs) C) Meta tags D) Local scripts

17. Which of these is a self-closing (void) tag?

- A) <div> B) <form> C) <input> D) <script>

18. What does "npm install" do?

- A) Launches the server B) Downloads project dependencies C) Creates HTML files
D) Compiles React code

19. Which tag creates a dropdown list?

- A) <list> B) <dropdown> C) <select> D) <input type='dropdown'>

20. What does ARIA stand for in web accessibility?

- A) Advanced Responsive Interactive Applications B) Accessible Rich Internet Applications
C) Automated Routing and Interface Analysis D) Always Ready Interactive Assets

21. In the context of the Frontend, what does the DOM stand for?

- A) Data Object Model B) Document Object Model C) Digital Orion Method
D) Desktop Output Management

22. Which HTML attribute is used to provide a unique identifier to an element, primarily for targeting it with CSS or JavaScript?

- A) class B) name C) id D) src

23. When setting up a MERN project, which file contains the metadata about the project, including its version and list of dependencies?



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A) index.html B) server.js C) package.json D) .gitignore

24. Which HTML5 element is used to specify a footer for a document or a section?

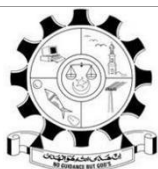
A) <bottom> B) <footer> C) <end> D) <base>

25. Which part of the MERN stack is responsible for "routing" URL paths (like /users or /login) to specific functions on the server?

A) MongoDB B) React C) Express.js D) HTM

Answer Key

1. C (Frontend)
2. B (Express.js)
3. B (npm)
4. C (<meta>)
5. D (alt)
6. B (Data storage)
7. C (name)
8. B (In the browser)
9. B (<audio>)
10. B (Code editor)
11. C (Both client and server)
12. B (JavaScript runtime)
13. B (<fieldset>)
14. C (Monitoring HTTP requests)
15. B (Viewport)
16. B (HTTP requests/APIs)
17. C (<input>)
18. B (Downloads dependencies)
19. C (<select>)
20. B (Accessible Rich Internet Applications)
21. B (Document Object Model) — This is the programming interface for web documents.
22. C (id) — Unlike classes, an `id` must be unique within a single HTML page.
23. C (package.json) — This is the heart of any Node.js/npm project.
24. B (<footer>) — A semantic tag used to improve SEO and accessibility.



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25. C (Express.js) — It acts as the "traffic controller" for the backend.

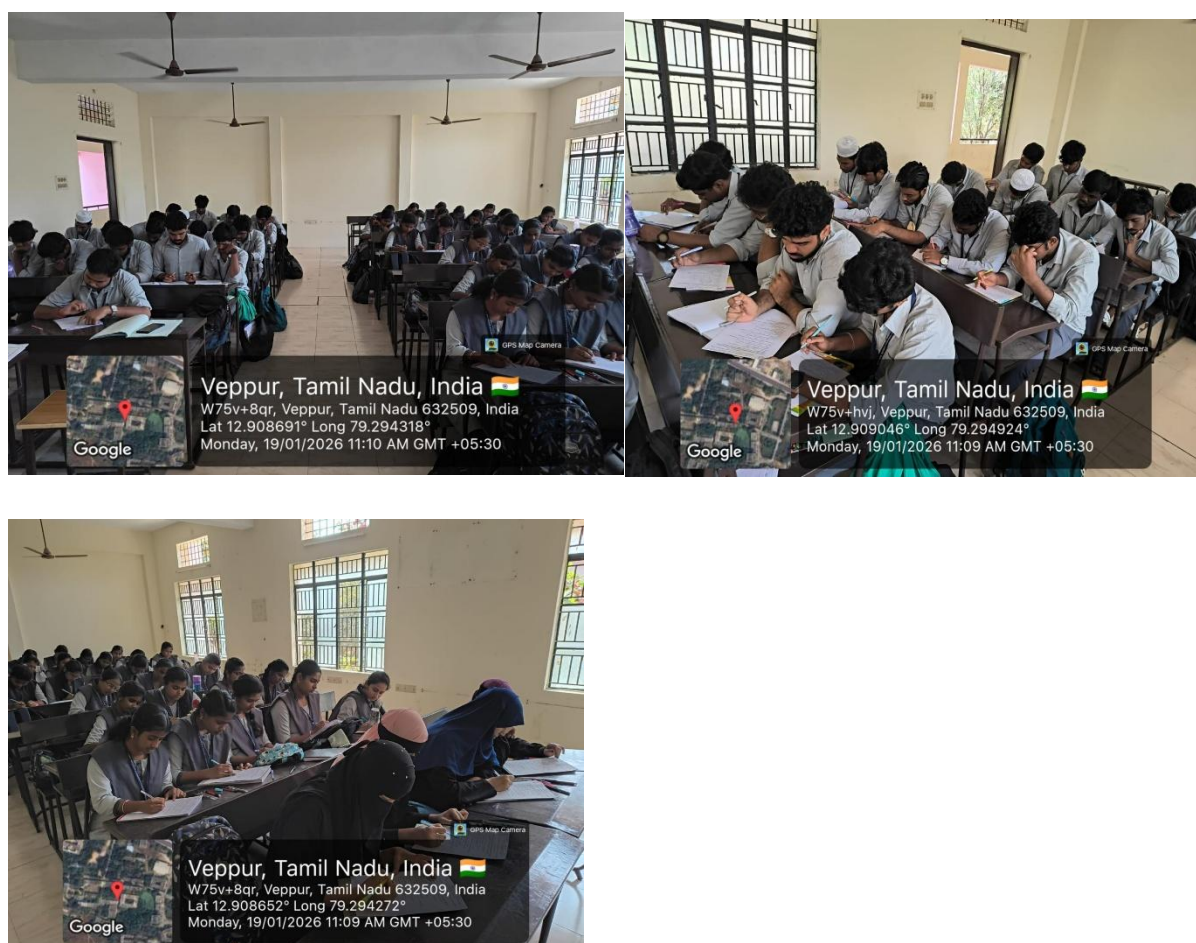
4.Feedback

The quiz was informative and helped in better understanding of the subject. Students found the questions relevant and engaging. The activity encouraged active participation and quick thinking. Overall, the quiz was well-organized and beneficial for learning.

5.Conclusion

The quiz was successfully conducted and achieved its intended objectives. It helped in assessing students' understanding and reinforcing key concepts. Students actively participated and showed great interest throughout the activity. Overall, the quiz proved to be an effective and engaging learning method.

6.From Student Centric Quiz participation GeoTag:



Course Instructor

HOD



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