



RAN-2511000904033001

Second Year Bachelor of Computer Applications (Sem. - IV) Examination October - 2025 MJ-3 - Web Designing - II (Paper - 405-01)

Time: 1 Hours]

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (2) Answer all the questions.
- (3) Figures in the right indicate full marks.
- (4) Illustrate your answer with necessary example, if required.

Seat No.:

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Student's Signature

Q. 1. Answer the following MCQs (Any 5):

(05)

1. JSON stands for
 - a) JavaScript Object Notation
 - b) Java Object Notation
 - c) JavaScript Object Normalization
 - d) JavaScript Object-Oriented Notation
2. Which is the correct symbol to insert a comment in JSON?
 - a) //
 - b) /*...*/
 - c) <!--...-->
 - d) JSON doesn't support the comments
3. \$(this) in jquery is used when
 - a) an HTML element references the entire document
 - b) an HTML element references its own action
 - c) an HTML element references the action of it's parent element
 - d) All of the above
4. Which of the following is the correct way to include jQuery in an HTML document?
 - a) <script src="jquery.js"></script>
 - b) <script href="jquery.js"></script>
 - c) <linksrc="jquery.js">
 - d) <script name="jquery.js"></script>
5. What is Node.js commonly used for?
 - a) Managing databases
 - b) Developing mobile apps
 - c) Creating user interfaces
 - d) Building server-side applications
6. AJAX is used for creating _____.
 - a) Web applications
 - b) Desktop applications
 - c) System applications
 - d) None of the above
7. Which of these is a correct jQuery selector?
 - a) \$('p')
 - b) \$('#p')
 - c) \$.p
 - d) \$p()

Q. 2. A. Write features of XML

(04)

OR

Q. 2. A. What are the rules of XML declaration?

(04)

Q. 2. B. Write advantages of jquery.

(04)

OR

Q. 2. B. Write a note on ID Selector used in jquery with an example **(04)**

Q. 3. A. Write differences between JSON and XML? **(04)**

OR

Q. 3. A. What is JSON object? Give its proper example. **(04)**

Q. 3. B. How AJAX works? **(04)**

OR

Q. 3. B. Explain Synchronous request and Asynchronous request in AJAX. **(04)**

Q. 4. A. Explain require() function of Node.js **(04)**

OR

Q. 4. A. Describe fs.readFile() method of Node.js **(04)**
