



RAN - 2111040102020002

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MCA (Sem. II) Examination May - 2023

Front End Technologies : Paper 202

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **MCA (Sem. II)**

Name of the Subject :

☛ **Front End Technologies : Paper 202**

Subject Code No.: **2111040102020002**

Seat No.:

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Student's Signature

Q. 1 (A) Answer the Following Questions (Any two)

10

1. What is CANVAS in HTML? Explain it in detail.
2. What is positioning in CSS? Explain any two with example.
3. Explain audio and video tag of HTML5.

Q. 1 (B) Explain media queries in CSS.

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Q. 2 (A) Answer the following Questions (Any two)

10

1. Explain error handling in JavaScript with example.
2. Explain alert, confirm box and prompt box with example.
3. Explain JavaScript DOM with example.

Q. 2 (B) Write a JavaScript code for following

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Write JavaScript code to sort 1 -d integer array.

- Q.3 Answer the following Questions (Any two) 14**
1. Explain Bootstrap grid system with next and clean diagram.
 2. How does Bootstrap CSS approach responsive design? What techniques are used to ensure that a web page looks good on screens of all sizes, from mobile phones to desktop monitors?
 3. Describe the process for including Bootstrap CSS in a web project. What files need to be included and where should they be located?
- Q.4 (A) Answer the following Questions (Any two) 10**
1. Explain jQuery selector with example.
 2. Explain the use of JSON.parse() in detail.
 3. What is sliding in jQuery? Explain it with example.
- Q.4 (B) Explain jQuery fade-in / fade-out method with example. 4**
- Q.5 Answer the following Questions (Any two) 14**
1. What is Angular JS? Explain its major components in detail.
 2. Explain one-way binding and two way binding with example.
 3. Explain date filter with example.
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