SEMESTER EXAMINATION, APRIL-MAY - 2025

Course Name: - B.Tech (AIFM)　　　　　　　**Semester:** - 2nd

Paper Name: - Web Technology　　　　　　**Paper Code:** - NCS-201

Time - 3Hrs + 20 minutes per hour extra time for V.I. & examinees with writer.　　**Max Marks-70**

Additional 30 Minutes for Mid-Test.

Instructions:
- The question paper consists of three sections namely A, B, C. All sections are compulsory.
- Section A- Each question carries **3 mark**. **All questions are compulsory.**
- Section B- Answer any **5 out of 7** given questions. Each question carries **7 marks.**
- SectionC- Answer any **2 out of 3** given questions. Each question carries **10 marks.**
- Section D- Each question carries **02 mark**. All questions are compulsory.

Section – A (खण्ड—अ)
Objective Questions (वस्तुनिष्ठप्रशन)

1. **Answer allthe following questions.**　　　　　　　　　　　　5x3 =15
निम्नलिखित सभी प्रश्न अनिवार्य हैं।

i) Which HTML tag is used to create a hyperlink?
 a) <link>　　　　　　　　　　　　　b) <href>
 c) <a>　　　　　　　　　　　　　　　d) <hyperlink>

ii) What is the full form of MIME?
 a) Multipurpose internet mail extension.　b) Multimedia internet mailing extension
 c) Main internet mailing extension　　　d) none of these

iii) Which of the following is used to read a HTML page and render it?
 a) Web server　　　　　　　　　　　　b) Web matrix
 c) Web browser　　　　　　　　　　　d) none of the above

iv) Which of the following tag is used to embed CSS in html page?
 a) <script>　　　　　　　　　　　　b) <style>
 c) <css>　　　　　　　　　　　　　d) <!DOCTYPE html>

v) Which part of the URL identifies the way a file is transmitted?
 a) Domain　　　　　　　　　　　　　b) Filepath
 c) Name of the website　　　　　　　d) Scheme

Section – B (खण्ड—ब)
Short Answer Questions (लघुउत्तरीय प्रश्न)

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2. **Answer any five of the following questions.**

 i. What is DTD? How can apply to an XML document.
 ii. What is internet? Define network and its types. Explain client server model.
 iii. Define CSS? Discuss in detail about Font and Text styles in CSS?
 iv. Briefly explain about span and div tag with example.

v.   What is JavaScript? Write the advantages of JavaScript.
vi. Create a web page using text editor to create a page which contains HTML page code,
     Link to another web page, an email link and a list of information.
vii. Write the difference between HTML and DHTML.

Section – C (खण्ड–स)
Descriptive Questions (विवरणात्मकप्रश्न)

2x10=20

3. Answer any two of the following question.

i)   Explain about Function definition, Function calling, Function parameter, return type with a suitable example in JavaScript.
ii) Explain about XML Schema with an example. Define Form tag. Design a Registration page by using all Form controls.
iii) Explain how web browsers work. Also explain the concept of cookies in a browser.

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Section- D

Course Name: - B.Tech (AIFM)
Paper Name: - Web Technology
Time - 30 minutes

Semester: - Second
Paper Code: - NCS-201
Max Marks-20

Note: - Answer all the following questions:

Q1. Host name can also be called as _____

A) Server
B) IP address
C) DNS
D) Element

Q2. Which of the following is not a control of Form on a webpage?

A) A text input
B) Submit buttons
C) Checkboxes
D) XML format

Q3. <input type="radio"> statement is used to create?

A) A radio form
B) A radio button
C) It is the name of the form
D) Checkbox

Q4. What are Forms in web programming?
A) They are used to create Table data and its information
B) They allow you to enter data which can be processed to servers
C) They are matrices on web page
D) They are the information filled by the server-side

Q5. Which tag is used with JavaScript?

A) <canvas>
B) <table>
C) <article>
D) <footer>

Q6. Which element is used for creating links?
A) <a>
B) <p>
C)
D)

Q7. Relative URLs are used to _____

A) link other pages within the same site
B) link the same page with other sites
C) link other pages with other sites
D) does not link

Q8. File paths are not used for linking in _____

A) Java Scripts
B) PHP
C) Style Sheets
D) Images

Q9. What is the default type of 'type' attribute of <input> element?
A) Text
B) Password
C) Numerals
D) Special Characters

Q10. Which attribute is not used for the radio type?
A) Name
B) Value
C) checked
D) selected

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