

Sant Gadge Baba Amravati University, Amravati Summer 2020 Examination

H.V.P.Mandal's College Of Engineering & Technology Amravati

Course: Computer Science & Engineering

BE Four Year Seventh Semester (Computer Science & Engineering) Summer 2020 Exam

7KS05 Web Engineering

Assignment ONLY FOR BACKLOG STUDENTS

Marks: 20

Note:

1. Solve any Two Questions.

2. Each Question carries 10 Marks

Question No1.(10 Marks)

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|---|------|
| a) Differentiate between Persistent and non-persistent connection | (2M) |
| b) List out the six common HTML tags Placed in the head section of HTML document. | (2M) |
| c) Give the five pre-defined entities and the character they represent in XML. | (2M) |
| d) What is equivalent of * (asterisk) symbol of DTD in xml-schema
(Write the appropriate option from the following
1. minOccurs="0" maxOccurs="unbounded"
2. minOccurs="1" maxOccurs="unbounded"
3. minOccurs="0"
4. None) | (1M) |
| e) How local and global variables are declared in java script also give example of each. | (2M) |
| f) What is the purpose of REMOTE_ADDR Environment variable? | (1M) |

Question No.2.(10 Marks)

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|---|------|
| a) Draw the structure of HTTP Request Message | (1M) |
| b) List out the six common attributes of HTML <body> tag. | (2M) |
| c) List the rules that must be followed by XML document to be well-formed | (2M) |
| d) Give the syntax to define element in XML Schemas with example | (2M) |
| e) JavaScript is _____ Language
(Write the appropriate option from the following
1. Client Side Scripting 2. Server Side Scripting 3. Markup 4. Stylesheet) | (1M) |
| f) List some of the Alternatives and enhancement to CGI technologies. | (2M) |

Question No3.(10 Marks)

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|---|------|
| a) Draw the structure of HTTP Response Message | (1M) |
| b) What are the different types and subtypes of style-sheet? | (2M) |
| c) What is the correct syntax of CDATA section in an XML Document
(Write the appropriate option from the following
1. <CDATA >Text </CDATA> 2. <PCDATA>Text</PCDATA >
3. <xml:CDATA[Text] > 4. <![CDATA[Text]] >) | (1M) |
| d) List out the Limitations of DTD | (2M) |
| e) Explain in brief heterogeneous array in JavaScript with example. | (2M) |
| f) What are environment variables? name any two CGI Environment variables | (2M) |

Question No 4. (10 Marks)

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|--|------|
| a) Explain the anatomy of the URL in brief. | (2M) |
| b) Which is not the type of External Style Sheet?
(Write the appropriate option from the following
1.Preferred 2.Persistent 3.Alternate 4.Embedded) | (1M) |
| c) Write the differences between XML and HTML | (2M) |
| d) List out the Strength of XML Schema | (2M) |
| e) List the four JavaScript array methods that are used to add and remove an element from an array. | (2M) |
| f) Which of the Following is true regarding CGI
(Write the appropriate option from the following
1. it is client-side technology 2. it is server-side technology
3.it is a web server 4.it is a browser) | (1M) |