

III B.Tech II Semester Regular Examinations, Apr/May 2006
MULTIMEDIA AND WEB DESIGN
(Information Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Write a short notes on HTML and the world wide web.
(b) Design a form in HTML containing the data of a student. (Name, Reg-No, Branch, Address, E-Mail address, Submit, Clear). [8+8]
2. What is String Object? Write all Methods of String Object. What is DATE Object? Write all methods of DATE Object. [16]
3. What is the difference between onMouseOver , onMouseOut and On MouseMove. Explain with relevant example. [16]
4. Write about NTSC , PAL , SECAM , HDTV , in detail. [16]
5. Differentiate between MIDI Versus Digital Audio. Explain General MIDI and Quick time music Architecture. [16]
6. What are different Shape Transformation that the structured Graphics Active X control Provides. Write a Script that draws four triangles of different sizes. Each triangle should be filled with Different color. [16]
7. (a) Write a simple ASP program to display Servers Current Time for every 60 seconds.
(b) Write about ASP server side Scripting. [8+8]
8. Write short notes on the following:
 - (a) HTML character level formatting.
 - (b) PERL programming structure.
 - (c) Servlet life cycle.
 - (d) Differentiate WWW , Internet. [16]

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2. What is MATH Object? Write all MATH Object methods What is DATE Object? Write all methods of DATE Object. [16]
3. (a) What is the way to link external style sheets in a web page.
(b) How to dynamically modify the style sheets of a particular element in a web page. [8+8]
4. Define Persistence Of Vision ? What type of Animation is applied for Morphing explain in detail. [16]
5. Write about MIDI Software . Explain how Sound and Picture can be combined in detail. [16]
6. What is Structured Graphics Active X Control. Write a Script that draws a series of eight concentric circles , each of it separated by 10 pixels. [16]
7. What is Session Management ? How to handle Session Management with HTTP Session and Hidden Fields? [16]
8. Write short notes on the following:
(a) What is client side scripting.
(b) Audio File formats.
(c) Java Plug-In 's.
(d) Applications of XML. [16]

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1. (a) Design a table in HTML? How to use frames in HTML, explain with example.
(b) Write a Script that outputs HTML Text to display an HTML Table of the binary equivalent of the decimal number in the page 1 to 256. [8+8]
2. What is DATE Object? Write all methods of DATE Object. Write a Script Program to display Current Time, current Date ,Month, Year. [16]
3. How to access data base in java script. Demonstrate with example. [16]
4. What do you mean by digitizing video? Write different video standards in detail. [16]
5. What is Digital Audio? Explain the terms Sampling , Quantization in detail. [16]
6. What are different Dynamic HTML events to provide interaction with the user in structured graphics control. Write a script program to display various shapes , colors, fill style. [16]
7. (a) Differentiate between XML and HTML.
(b) Differentiate between DHTML and VRML. [8+8]
8. Write short notes on the following:
(a) Write about Dynamic HTML CSS.
(b) How Video Works.
(c) Video Compression Techniques.
(d) Java Applets. [16]

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1. (a) Explain the tags SUB, SUP ,EM ,A, FONT, HEAD,BODY,IMG of HTML
(b) Write a script program for checking the String is palindrome or not. [8+8]
2. List various uses of Java script . Write a Script Program to convert a String from Lower case to Upper case. [16]
3. What are the different filters used in DHTML .Demonstrate with example. [16]
4. What is digital video? Write about motion JPEG and DV , QUICK TIME. [16]
5. Define and explain HTML, DHTML , Hypermedia, Linear Media . Explain in detail with example the usage of Image Maps(Hot Spots). [16]
6. Differentiate TDC with structured Graphics. What are Translate, Rotate , Scaling Transformation. [16]
7. List different Applications of XML. Write a Math ML Markup for simple Mathematical Expression display.(* , + , - , /). [16]
8. Write short notes on the following:
 - (a) Write about Dynamic HTML CSS.
 - (b) How Video Works.
 - (c) Video Compression Techniques.
 - (d) Java Applets. [16]
