

**III B.Tech II Semester Supplementary Examinations,
November/December 2005
MULTIMEDIA AND WEB DESIGN
(Information Technology)**

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. (a) What is Mark Up Language ?How does it support the World wide Web.
(b) Write a java script that inputs 3 Integers from the user and outputs their Sum, Average ,largest .use alert dialog box to display results. [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 is error handling in java script .write an error handler that changes ALT text of an image to error loading, if image loading is not complete. [16]
4. What do you mean by digitizing video? Write different video standards in detail. [16]
5. Explain how you would use SMIL's Synchronization Elements to make a simple looping Animation from a sequence of Still Images . Discuss in detail. [16]
6. What are Structured Graphics ActiveX Control? Use Script to create a page that display's 10 vowels in randomly selected sizes, shapes, locations, colors, fill styles. [16]
7. (a) Differentiate between XML and HTML.
(b) Differentiate between DHTML and VRML. [8+8]
8. Write short notes on the following:
(a) Applications of scripting.
(b) Write about XML parsers.
(c) Media synchronization.
(d) Java Applets. [16]

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1. (a) How do u link from one document to other, explain with relevant example.
(b) An integer is said to be prime if it is divisible by only 1 and itself. Write a function that determines whether the number is prime or not (using Script Language). [8+8]
2. What do you mean by client side Java Script, Server side Java Script. Write a Script for Bubble Sort. [16]
3. (a) How is Error handling is done in HTML.
(b) Demonstrate Error Handling with example. [8+8]
4. Write in detail about Cell , Sprite , Key , Motion Graphics Animation. [16]
5. Explain the term Compression , Speech Compression , Perceptually based Compression in detail. [16]
6. What are Animated GIFs. Write a script program for demonstrating direct animation path control. [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) Java script control structures
 - (b) DTD?s
 - (c) 3-D animation.
 - (d) Session management. [16]

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1. (a) How do you incorporate images into Web pages. Explain with relevant example.
(b) Write a script function which returns Fahrenheit equivalent of Celsius temperature. [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. How to perform Searching ,Sorting and filtering in a Script . Demonstrate with example. [16]
4. Write about Digital Video Editing and how Digital Video Post Production is performed. [16]
5. Define the Terms Audio, Video Synchronization , Soft Synchronization , Hard Synchronization . Explain in detail with example how Synchronized based Presentations can be made. [16]
6. What are different shape Transformation that the Structured graphics ActiveX control provides. Differentiate TDC with structured Graphic. [16]
7. (a) Write about Command-Line Switches used with PERL.
(b) What is PERL and how it is different from CGI. [8+8]
8. Write short notes on the following:
 - (a) What is java script ?
 - (b) What are ActiveX controls.
 - (c) Write about Get , Post service methods.
 - (d) Write about XML parsers. [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. How to declare the Multidimensional Array .where does we use them. write a script that reads a series of strings and displays only those strings beginning with the character "d". [16]
3. What are cascading style sheets. What are the 3 ways of using them in designing web pages. Explain with an example. [16]
4. Define and Explain Virtual Reality. What is VRML . Write about Quick Time VR. [16]
5. Define and explain HTML, DHTML , Hypermedia, Linear Media . Explain in detail with example the usage of Image Maps(Hot Spots). [16]
6. What for EMBED, IMG, BGSOUND elements are used. List different attributes of EMBED, IMAGE, BGSOUND. Write a script for implementing all the elements. [16]
7. (a) Write notes on GET and POST , Service Methods.
(b) HTTP Servlet Request, Response Versus Servlet Request , Response. [8+8]
8. Write short notes on the following:
 - (a) Event handling.
 - (b) Video compression techniques.
 - (c) Uses of DHTML, XML.
 - (d) Media synchronization. [16]
