

( 3 Hours )

[ Total Marks : 100

- N.B. : (1) Attempt any five questions only.  
(2) Assume data if necessary and mention it clearly.

Q1.(a) Write HTML/DHTML statements for the following 10 Marks

1. Create largest size text "Hello Friends".
2. Hyperlink "University" to a URL <http://www.mu.ac.in/timetable>
3. E-mail to [webmaster@yahoo.com](mailto:webmaster@yahoo.com).
4. Open link in Q1.-2 above in new browser window.
5. Draw table of two rows & two columns with some contents.
6. Enumerated list of 3 items
7. Create checkbox
8. Create input field
9. Insert image in the background
10. Call a remote script.

Q1.(b) Contrast the difference between 10 Marks

1. Static & Dynamic Pages
2. HTML & XML
3. Applets & Servlets
4. ASP & JSP
5. GET & POST

Q2.(a) Do this using JAVASCRIPT. 10 Marks

1. Display "Hello World"
2. Call remote javascript at some address.
3. Call a function if condition 1 equals 0 is true otherwise exit.
4. Illustrate different forms of for-loops.
5. Illustrate multi-line comments
6. Round off 8.125 to nearest no using object function.
7. Open a pop-up named "New Pop-Up".
8. Put message in browser status bar "Happy New Year"
9. Find the clients browser name.
10. Write a message "Good Morning" in an alertbox.

Q2.(b) Explain following in brief with an illustration. (ANY FIVE) 10 Marks

- |                             |                    |                   |                       |
|-----------------------------|--------------------|-------------------|-----------------------|
| 1. Anchore                  | 2. Documents       | 3. Event          | 4. Forms & Form Input |
| 5. Frame, Frameset & Iframe | 6. Image           | 7. Location       |                       |
| 8. Navigator                | 9. Option & Select | 10. Table Objects |                       |

Q3. Write JavaScript code for the following 20 Marks

1. Display a clock using Date object.
2. Sort N integers using Array object.
3. Convert Celsius to Fahrenheit using Math object.
4. Display No. of Forms & Images using Document objects.
5. Display key name on a key pressed using Event object.

[ TURN OVER

- Q4.(a) Explain in brief and Illustrate use of following ASP objects 10 Marks  
1. Response, 2, Request 3. Application 4. Server 5. Session
- Q4.(b) Write ASP code for the following 10 Marks  
1. Display session ID of a user and time out if data is not entered in time.  
2. Create a welcome cookie and display details of a user.  
3. Home page Hit Counter.  
4. Display the total no. of bytes sent by the user Request object.  
5. Display all key item pairs.
- Q5.(a) Write JavaScript for the following 10 Marks  
Write a code to take opinion poll on "Voters age should be 16 & above?"  
With polling options (a). YES (b). NO. (c). Don't Care.  
Also calculate final statistics after each hour.
- Q5.(b) Explain HTTP & DNS protocol with illustrations and examples. 10 Marks
- Q6. What are CSS ? Illustrate uses of CSS reference to Dimension, Classification & Positioning. Write CSS for a HTML page to 20 Marks  
1. Set background color.  
2. Left indent text.  
3. Set size of the font.  
4. Increase spacing between lines.  
5. Change the cursor.
- Q7. Write Short Notes 20 Marks  
1. EDI process & its advantages/ disadvantages  
2. E-commerce Architecture  
3. ActiveX Controls.  
4. Software Engg. Specific to Web Site Designing.  
5. Online Payment Methods & Problems.
- Q8. Write an ASP/JSP code and the corresponding HTML pages 20 Marks  
to accept Student ID and Password to display student's personal Information from a database. Allow student to modify information and save it. Use CSS to print the information.