



SF-7691

B. E. IV (Sem. VIII) (Computer) Examination
May / June - 2011
Internet Technology & Applications

Time : 3 Hours]

[Total Marks :100

Instructions :

(1)

नीचे दृशावेक निशानीवाणी विगतो उतरवडी पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
B. E. 4 (SEM. 8) (COMPUTER)

Name of the Subject :
INTERNET TECHNOLOGY AND APPLICATIONS

Subject Code No. : **7 6 9 1** Section No. (1, 2,...): **1&2**

Seat No. :

Student's Signature

- (2) Answer to both the sections must be written in separate answer books.
- (3) Figures to the extreme right indicate maximum marks.
- (4) Support your answers with necessary diagrams.
- (5) Assume suitable data, when necessary.

SECTION - I

- 1 (a) Answer the following : 10
- (1) A frame is identified using _____ attribute of the <FRAME> tag.
 - (2) _____ is programmatic code in an HTML file that runs on the browser.
 - (3) What is the correct way to connect to a MySQL database ?
 - (a) mysql_open("localhost");
 - (b) dbopen("localhost");
 - (c) mysql_connect("localhost");
 - (d) connect_mysql("localhost");
 - (4) XML stands for _____.
 - (5) What are the variables used in PHP to retrieve information from forms ?
 - (6) Get method uses the _____ to pass the information from the form to an ASP page.
 - (7) State TRUE or FALSE : ASP is browser independent technology.
 - (8) State TRUE or FALSE : Cookies are written to the client's computer.
 - (9) _____ allows to linking to the other document.
 - (10) Which object is used in ASP to maintain the state of each user ?

- 2 (a) Write code to display HTML page "Student info" containing student's ID_no, Name and Branch. Using ASP script insert data for collected from various fields of HTML page into an MS-Access table. **10**

OR

- 2 (a) Write an ASP code for uploading your text document to the server. It include two ASP page. **10**

(1) Texdocument.asp

This page contains simple HTML for selecting your text document and redirect to uploader.asp

(2) Uploader.asp

This page contain asp code to save the uploader folder to the desired destination.

- (b) Do as directed : **8**

(1) Write a XML code to generate a webpage "TV schedule" that contains following tags.

Tag name : TVschedule

Attribute : Name (Required)

Tag name : Chanel

Attribute : Chanelno (Required)

Tag name : Day, Time, Title

Write a DTD that strictly that enforces the above specifications.

(2) Write Cookie in ASP which stores **4**

(i) "Use name" from a text box named "txtusr".

(ii) "last_visit" from system current date and time.

The Cookie should expire after 10 days.

- 3 Attempt the following : (any **two**) **18**

(1) Explain XML style sheet using and example.

(2) What do you mean by CSS ? Compare it with HTML and DHTML.

(3) Enlist and explain intrinsic objects of ASP.

(4) What are the advantages and disadvantages of Cookie ? Compare Cookie and session object in ASP.

(5) Explain any adrotator component of ASP.

SECTION - II

- 4 (a) Answer the following questions : 10
- (1) What is the difference between include() and require() function in PHP ?
 - (2) Which variable is used in PHP to retrieve Browser's name ?
 - (3) Which is the maximum size of HTTP Cookie header ?
 - (4) How to include static files within a jsp page ?
 - (5) What is the default session expiry time in Apache web server?
 - (6) Which tag is used to pass information from JSP to included JSP ?
 - (7) What is the difference between an Applet and a servlet ?
 - (8) How to invoke a servlet from JSP ? Specify the method used.
 - (9) List all the implicit objects of JSP.
 - (10) Full form of : SSI
- (b) Explain the methods used in JSP to create and retrieve session variable. 5
- 5 (a) Write PHP code to upload any image file 10
(.jpg, .jpeg, .bmp, .gif, .tif) of maximum 20 KB.

OR

- (a) Create a login system with JSP which contains a login page 10
with two text fields "username" and "password" and a submit button. The PHP file should check whether the login is successful or not from the database of your choice and display appropriate message.
- (b) Answer the following : 9
- (1) Difference between GET and POST method.
 - (2) Write a PHP script to know the number of days between two given dates.
 - (3) Write the JSP code to delete a cookie.
- 6 Attempt the following : (any two) 16
- (1) Write a code to implement hit counter in PHP.
 - (2) Explain standard actions in JSP with appropriate example.
 - (3) Write a servlet that prints all the request headers it receives along with its associated values.