



SF-7811

B. E. - IV (Sem. VIII) (I.T.) Examination

May / June - 2011

Internet Technology & Application

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
B. E. - 4 (SEM. 8) (I.T.)

Name of the Subject :
INTERNET TECHNOLOGY & APPLICATION

Subject Code No. : 7 8 1 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) Assume suitable data, when necessary.

SECTION - I

- 1 (a) Answer the following : 10
- (i) ODBC stands for
(a) Open DataBase Communication
(b) Open DataBase Control
(c) Open DataBase Connection
(d) Open DataBase Connectivity
- (ii) Linked region of image maps are called _____
(a) Linker Region (b) Connected Region
(c) Hot Region (d) Cool Region
- (iii) Cookie information is shared between the client browser and server using fields in the _____ headers.
(a) response (b) request
(c) page (d) None of above
- (iv) To include the java packages in JSP page what is used ?
(a) JSP use Bean Action Tag
(b) JSP Scriptlet
(c) JSP page directive
(d) None of above
- (v) The _____ attribute of the <FRAME> tag contains the URL of the document to be loaded into the frame
(a) URL (B) SRC
(c) FILE (D) HREF

- (vi) Which one of these cannot generate dynamic contents ?
 - (a) PHP
 - (b) CGI
 - (c) Servlets
 - (d) None of above
- (vii) Which class's object can be useful for Inter-Servlet Communication from the below given classes ?
 - (a) GenericServlet
 - (b) HttpServletRequest
 - (c) HttpServletResponse
 - (d) ServletContext
- (viii) Which one is not the method of HttpSession Class ?
 - (a) getAttribute()
 - (b) setAttribute()
 - (c) getParameter()
 - (d) None of above
- (ix) When a user views a page containing a Javascript program, which machine actually executes the script ?
 - (a) The user's machine running a web browser
 - (b) The web server
 - (c) A central machine deep within Netscape's corporate offices
 - (d) None of above
- (x) CGI stands for
 - (a) Control Gateway Interface
 - (b) Common Gateway Implementation
 - (c) Control Gateway Implementation
 - (d) None of above
- (b) Answer the following :
 - (i) Explain Java Servlet LifeCycle in detail with the help of an example. 4
 - (ii) Enlist and explain the different methods of request object of JSP. 4

- 2** (a) Develop a Java Servlet Application of Online Movie Ticket Reservation System through which user can. A user van view movie schedules rates for different classes. The system should allow online booking of selected movie tickets. **10**
 Make suitable assumption in design with brief description of your assumption.

OR

- (a) Develop a JSP application of Online Movie Ticket Reservation System through which user can. A user van view movie schedules rates for different classes. The system should allow online booking of selected movie tickets. Make suitable assumption in design with brief description of your assumption. **10**

- (b) (i) What do you mean by Database Connection Pooling ? What are its advantages and disadvantages ? Give an example as well. **10**

OR

- (i) Write HEML code to display the following table : **6**

Sr No	Name	Marks		
		ITA	ERP	AI
1	X	67	89	77
2	Y	88	78	66

- 3** (a) Write an HTML page which inputs the below mentioned fields and upon submitting the HTML page, it invokes a JSP program which inserts the fields in the database table Employee_Detail. **8**

Fields are :

- (i) Emp_ID (ii) Emp_Name
(iii) Email_ID (iv) Contact No
(v) Birth-Date

OR

- (a) Write down a Java Servlet that makes use of Cookies. **8**
When a user comes for the first time, display the message "Hello, Welcome to Java World..." And asks for the name of user. When the user comes for the next time it displays : "Hello 'username' Welcome Bank".

- (b) Attempt any two : **8**
- (i) How do you make a link to an external document and to a specific place within the same document in HTML ?
- (ii) Explain <jsp:userBean> Action tag in detail.
- (iii) JDBC Driver Types.

SECTION - II

- 4** (a) Do as directed : **10**
- (i) _____ is additional information sent to a web page appended to the end of URL.
- (ii) _____ is a property of response used to specify how long from now a page should be kept in cache.
- (iii) HTTP headers communicate information about the client (True/False)
- (iv) HTML can provide meaning to the text. (True/false)
- (v) Xml is platform independent. (true/false)
- (vi) _____ object can be used to persist information for the entire website.

- (vii) Default language for ASP in JavaScript.
(True/False)
 - (viii) HTML supports 6 different levels of Heading.
(True/False)
 - (ix) Buffer is a property of Request object. (True/false)
 - (x) Option Explicit forces VBScript to declare all variables. (True/False)
- (b) Write an ASP script to make a cookie named 'User' that contains information about date and time of last visit and user agent. The cookie should expire after 10 days. Also write another script to display the same cookie. 7
- (c) Compare XML and HTML. 3
- 5** (a) Explain various methods of response object for buffering in Asp with a script. 8
- (b) In detail, compare session object and Cookie. 7

OR

- (a) With an ASP script, explain content Linker Component. 8
- (b) With an ASP script, explain Adrotator component. 7
- 6** Answer any three : 15
- (i) Describe any five Request HTTP-Headers.
- (ii) Write the output for following :
- ```
<% Response.Buffer=True%>
<%
Response.Write ("hello")
Response.flush
Response.clear
Response.write ("mate)
Response.flush
Response.Write("have a nice day")
Response.clear
Response.flush
%>
```
- (iii) Create a file student.xml Name, id\_no, branch and city for a 3 students and import this XML file data in HTML file in tabular format.
- (iv) Write a program for creating a separate CSS file for Importing into an html file.