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RM-7691-R

B. E. - IV (Sem. VIII) (Computer) Examination

May / June - 2010

Internet Technology & Applications

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवडी पर अवश्य बजवी.
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 & 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

Q:1 A Answer the following:

10

- 1 HTML accepts _____ and .jpg picture file formats.
- 2 True or False: When a cookie expires, it automatically deletes itself from the client's computer.
- 3 _____ is the default color of a hyperlink.
- 4 The HTML Form has two properties: namely _____ and _____.
- 5 Cookie information is shared between the client browser and the server using fields in the _____ headers.
- 6 What kind of data types can a cookie not store?
- 7 If a cookie in an ASP code is created with its 'expires' property set to some date in the past, when will the cookie expire?
- 8 _____ HTML tag is used to provide the top or bottom heading to the table.
- 9 True or False: XML is not case-sensitive.
- 10 What is a PHP filter?

Q.2 A What is an environment variable? Enlist and explain useful environment variables. How to read the environment variables in ASP? **10**

B Explain the Application object of ASP in detail. Also explain all the Application object methods and events. **10**

OR

B Explain the concept of Session variable w.r.t PHP. Also explain how to start and destroy sessions and how to store session variables? **10**

Q.3 Explain any FOUR from following **20**

1. Compare and contrast PHP and ASP.
2. Explain AdRotator object of ASP in detail.
3. Explain in detail why HTTP is considered a stateless protocol. Suggest the ways to maintain state of user in any server side technology.
4. Explain HTML DOM architecture in detail.
5. Explain various features of JavaScript.

Section-II

Q.4 (A) Do as directed. **10**

1. We can restrict the calling of the `errorPage` in the JSP by setting the value `true` for the `isErrorPage` param in the `Errorpage` attribute of the `page` directive. (True/False)
2. Absolute path of the object is required for using `request.getRequestDispatcher (path)` (True/False)
3. The _____ error message is displayed when the page is not found at correct location.
 1. 505
 2. 404
 3. 500
4. What is the difference between `$var` and `$$var` in PHP?
5. PHP is an object oriented language (True/False)
6. The maximum size of HTTP cookie header is _____.
7. How to pass information from JSP to included JSP ?
8. How many cookies can one set in the response object of the servlet ?

9. _____ variable is used in PHP to set the environment variables
10. Write a PHP script to display current time.
- Q.4 (B)** Write a PHP script to open and read the content of file. **4**
- (C)** Write a HTML file, that has a textfield "txtname" and a submit button. **6**
When the user presses on the submit button, it calls a servlet. The servlet displays the content of field "txtname".
- Q.5 (A)** In JSP, write a Cookie which stores: **7**
1. "username" from a textbox named 'txtuser'
 2. "last_visit" from system's current date and time
The Cookie should expire after 4 days.
- OR**
- Q.5 (A)** Explain the concept of cookies. How cookies are set and retrieved in PHP? **7**
- (B)** Create a servlet that helps a new user to register by inserting user_name, password, phone_no, email_addr, occupation in the database. If a login already exists, then the user should be able to login into the system. **8**
- Q. 6 Attempt any three:** **15**
- 1 Explain the life-cycle methods of Servlet.
 - 2 Write a Java Servlet code to display a text message for five times with font size=1 to 5 with loop structure.
 - 3 Write a PHP script to check whether the given year is a leap year or not.
 - 4 Discuss the standard actions in JSP.
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