

B. Tech Degree VI Semester Examination, April 2010

IT 602 INTERNET PROGRAMMING (2006 Scheme)

Time : 3 Hours

Maximum Marks : 100

PART - A (Answer ALL questions)

(8 x 5 = 40)

- I. (a) Differentiate between internal DTD and external DTD with example.
 (b) Identify whether the following usage of elements are valid or invalid.
- (i) `<! ELEMENT drink EMPTY >`
`< ? Xml version = "1.0" ? >`
`< drink > tea < / drink >`
- (ii) `<! ELEMENT academy (subject, * course, + school ?) >`
 (1) `< ? X ml version = "1.0" > <subject > I P < / subject >`
 (2) `< ? X ml version = "1.0" > <course > I T < / course >`
 (3) `< ? X ml version = "1.0" > < c school > SHSS < / school >`
- (c) How to create a Link to a CGI script? Give suitable eg.
 (d) Which function in Perl allows to display formatted data? Give suitable eg?
 (e) Explain JApplet Life Cycle.
 (f) Explain scripting elements used in JSP.
 (g) Which are the three types of arrays used in PHP?
 (h) Describe four methods to manage program flow in PHP.

PART - B

(4 x 15 = 60)

- II. Create a well formed and valid XML document for your resume. Include elements containing personal identification, educational qualification, former employer details and special skills.
- OR**
- III. Differentiate between default name space and explicit name space with necessary example.
- IV. Generate a CGI script for interest calculation, from the following form to generate the given output :

Input

Interest Calculator

Principle :

Rate :

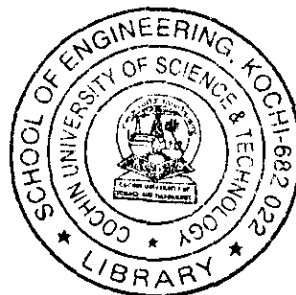
Year :

Output

Interest Calculator

Your Interest is Rs _____

OR



(Turn Over)

- V. How to send a item and multiple item of data to a CGI script? Explain with suitable example.
- VI. Describe various Javabean Scope.

OR

- VII. Create a table "Product" with fields data, quantity, price, manufacturer using JSP and display those items with price > 12,000

ID	QTY	PRICE	MFR
1000	10	12,000	IBS
1400	50	100,000	ABC
1500	20	14,000	IGM
1700	40	3000	BIS

- VIII. Generate a PHP script to create a page that allows the user to select a record then edit the record and update the database.

OR

- IX. Generate a PHP script for following form and then submit button is clicked add data to the "student table"

Internet Explorer		<input type="checkbox"/>	-	X
STUDENT DETAILS				
ID	:	<input type="text"/>		
Name	:	<input type="text"/>		
Course	:	<input type="text"/>		
Duration	:	<input type="text"/>		
Institution	:	<input type="text"/>	▼	
<input type="button" value="SUBMIT"/>				