



SF-8330

**B. E. III (Sem. VI) (Com.) Examination**  
**May / June – 2011**  
**Web Application Development**

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

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

Name of the Examination :  
B. E. 3 (Sem. 6) (Com.)

Name of the Subject :  
Web Application Development

Subject Code No. : 8 3 3 0 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

- (2) Use separate answer sheet for each section.  
(3) Make assumptions wherever required.  
(4) Numbers on the right side indicate marks.

- 1 (a) Attempt following : 8  
(1) Full form : NAT, DNS  
(2) Define : Port, Protocol  
(3) Define : Metatags.  
(4) True/false :  
(a) XDR Protocol used in presentation layer of OSI model.  
(b) Port no 21 is secure for FTP.
- (b) Attempt any two : 10  
(1) Explain frame and frameset tags in HTML with example.  
(2) Discuss problems with FTP.  
(3) Write HTML code to generate following table :

	Tube Station	
	Green Park	East Park
Tube	5 mins	10 mins
Bus	8 mins	12 mins

- 2 Attempt any **two** : 16
- (1) Write short note on : CSS (Cascading style sheets)
  - (2) Explain Javascript DOM
  - (3) Write a Javascript function to perform following validations

Field Name	Input Control Type	Validation rule
Name	Textbox	This is required field. Max letters should be 30.
Marks	Textbox	This is required field. Input characters should be numbers between 35 and 100.
Email	Textbox	This field requires email validations.

- 3 Attempt any two : 16
- (1) Discuss LIST tags of HTML with example.
  - (2) Discuss positioning using CSS with example.
  - (3) Write a Java Script function of display dynamic "digital clock" on web page.

- 4 (a) Attempt the following : 10
- (1) What does PHP stand for ?
    - (a) Private Home page
    - (b) Personal Home page
    - (c) Hypertext Preprocessor
    - (d) Personal Hypertext Processor
  - (2) The PHP syntax is most similar to
    - (a) Perl and C
    - (b) Java script
    - (c) VB script
    - (d) C#
  - (3) What is the correct way to include the file "time.inc" ?
    - (a) `<% include file="time.inc" %>`
    - (b) `<?php require("time.inc"); ?>`
    - (c) `<?php include_file("time.inc"); ?>`
    - (d) `<!--include file="time.inc"-->`
  - (4) When using the POST method, variables are displayed in the URL.
    - (a) True
    - (b) False
  - (5) What is the correct way to open the file "time.txt" as readable?
    - (a) `fopen("time.txt", "r");`
    - (b) `open("time.txt", "read");`
    - (c) `open("time.txt");`
    - (d) `fopen("time.txt", "r+");`

- (6) Give full form of SOAP.
- (7) What is XML DTD ?
- (8) What XSL and XSLT ?
- (9) 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");`
- (10) In PHP. the `die()` and `exit()` functions do the exact same thing.
  - (a) True
  - (b) False

- (b) Attempt any five : **10**
- (1) What is the difference between include and required method of PHP ?
  - (2) Explain `$_GET[]` and `$_POST[]` and `$_REQUEST[]` function of PHP.
  - (3) Write the output of following script.  
`echo date ('I jS \of F Y h:i:s A');`
  - (4) Give the difference between cookie and session.
  - (5) Explain need for web service.
  - (6) What is dynamic IPs ?
  - (7) What's the difference between `md5()`, `crc32()` and `sha1()` crypto on PHP ?

- 5** Attempt any three : **15**
- (1) What is the management ? How PHP provides state management ?
  - (2) Explain associative array of PHP with example.
  - (3) How can we declare function in PHP. Explain different types of function.
  - (4) What is session ? Explain with example.
  - (5) Explain the key components of XML.

- 6** (a) Write a PHP script to increment the number by one stored in a "count.txt" file. **5**
- (b) Write a PHP script to upload file with only "txt" extension on server . Also display name and size of uploaded file. **10**

OR

- 6** Write "Login.html" Page to ask user to enter User Name and Password and call "Validation.php" on submit. If user is valid than redirect to "Welcome.php" page else again display "Login.html" page. Assume appropriate database.