



DDD-1738

B. Sc. (I.T.) (Sem. VI) Examination

March / April - 2016

Web Development - II

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृष्टावित निकाानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. Sc. (I.T.) (SEM. 6)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="WEB DEVELOPMENT - 2"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="8"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	<input type="text"/>
	Student's Signature

(2) All questions are compulsory.

1 Answer the following : (any three) 18

- Write a note on super globals in PHP.
- Write a note on OOP concepts in PHP along with suitable example. Explain serialization and magic methods.
- What are similarity, differences and importance of include () and require () functions ? Also mention usage of include_once () and require_once () .
- Develop validations.php file with validation functions for username, password, age and email field for a typical student registration form.

2 Do as directed : 18

- Write a PHP program that lists contents of a subdirectory with pagination with 10 entries on one page. 8

OR

- Write a PHP program for user registration form with profile picture upload using PDO for a MySQL database. 8
- Write a note on SQL injection and its solutions in PHP and MySQL. 10

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[Contd...

- 3** Answer the following : (any three) **18**
- (i) Write a note on AJAX. Write a program to fetch all records from users table and display using ajax.
 - (ii) Write a note on template engine with suitable program using Smarty template engine.
 - (iii) What is MVC ? Explain with architecture and its importance with a simple program using any PHP based readymade MVC framework.
 - (iv) Write a view page for Rails application using form and html helpers covering all html form controls.
- 4** Answer the following : (any four) **16**
- (i) How and when to use rake db:create and rake db:migrate ?
 - (ii) Write a note on Ruby variables and data types.
 - (iii) Develop a master module for managing (typical CRUD operations) product table using RoR.
 - (iv) Write a PHP script for a cookie based page visit counter.
 - (v) Write a PHP script to read employee records from XML file and store them into employee table of MySQL database.
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