Roll / Exam No. [   ]　　Supervisor's initials With date [   ]

Time: 3 Hours　　　　　　　　　　　　　　　　　Max. Marks: 100

Instructions:　1. Attempt all questions.
　　　　　　　　2. Figures to right indicate full marks.
　　　　　　　　3. Draw neat sketches wherever necessary.
　　　　　　　　4. Assume necessary data wherever required.

Q-1　Do as directed.　　　　　　　　　　　　　　　　　　　　　　**[15]**

A　Write a PHP program that display the different message based on the time　(04)
　　of day. For example: if user visits the website in morning time, "Good
　　morning" should display.

B　Define an interface which has methods area() and volume(). Create a class　(04)
　　which implements this interface and calculate area and volume of
　　rectangle.

C　Compare and contrast passing variable with cookies and passing variable　(07)
　　with session with a suitable example.

Q-2　Answer the following.　　　　　　　　　　　　　　　　　　　**[15]**

A　Create a PHP script to accept 10 numbers from user. Store the numbers　(04)
　　in an array and sort them in ascending order.

B　Design a form to accept a paragraph with ten sentences. Write a function　(06)
　　to count occurrence of each vowel in paragraph and display it in table
　　format.

OR

B　Create a PHP and HTML script which allows user to choose his/her　(06)
　　hobbies by selecting the checkboxes and display them.

C　Differentiate between mysql_fetch_array and mysql_fetch_assoc　(05)

Q-3　Answer the following.　　　　　　　　　　　　　　　　　　　**[15]**

A　Discuss the significant of MVC architecture and draw block diagram of　(08)
　　MVC architecture.

B　Write a menu driven PHP script to perform various file operations.　(07)
　　　　1. Display size of file
　　　　2. Display type of file
　　　　3. Delete a file

OR

B　Create a HTML form that asks a customer to select a menu package from　(07)
　　available menu options like Punjabi food, Gujarati food, South Indian food
　　and Chinese food. Write a PHP script using a switch statement for each
　　menu option and display appropriate message, i.e. if user selects Punjabi
　　food then message should be displayed: "Punjabi dish will be delivered to
　　your table in 30 minutes."
　　Note: Underline part should be changes based on selection of the menu.

Q-4 Do as directed. [20]

A Design PHP code segment to send email with subject and message body. (06)

OR

A Write a PHP script, which will read student's information like (06)
Student_Name, Phone_no, Email_ID, age and department from
studentinfo.txt file and display records in tabular format.

B Write a PHP program that accept the number of rows and columns from (06)
the user and generate an HTML table.

OR

B Design a PHP webpage with user define function to generate One Time (06)
Password (OTP). Make sure that OTP always random in nature and
contains only alphabet and digit characters. OTP length should vary every
time when function is called. Regenerate the OTP after every two minutes.
Note: Do not use system function to generate random numbers.

C Demonstrate the following functions with code: (08)
   1. arsort()
   2. implode()
   3. stripos()
   4. fseek()

Q-5 Develop a PHP pages for the with following functionalities: [15]
   - Design a HTML page which asks user to enter the details like User
     name, Gender, Birth Date, Phone number and Email id.
   - After submitting above data, user will be redirected to the next page,
     which displays five product with product code, product name and
     price in HTML table format. Provide the textbox in front of each raw,
     which ask user to enter the quantity for specific product, he/she
     likes to purchase.
   - When submit button is clicked, generate the bill with all necessary
     details and display it in proper format.
   - Use cookies to store user information for future use.

Q-6 A quarterly sales data of last one year for the DVDs sold are stored in four [20]
different text files. Information like Title of DVD, total available quantity
per quarter, sell of each DVD in specific quarter and price of each DVD
are stored in that text file. Write a PHP program to read data from all files
sequentially, save all data in MySQL database. Read data from database
and display them in tabular format. Also display the total generated
revenue and count of DVD sold in last one year.

****