



DIPLOMA IN WEB DESIGNING (DWD)

1st and 2nd Semester

PRACTICAL ASSIGNMENTS

DWD-01 to DWD-06 **SESSION: 2017-18**

Please read the instructions carefully before attempting assignment questions.

INSTRUCTIONS FOR DOING ASSIGNMENTS

Dear Learner,

You are required to submit one assignment per course within the stipulated time in order to become eligible to appear in the term-end examination. The assignments will be evaluated by the counselors at your Study Centre. Please submit your assignment solutions to the Coordinator of your Study Center.

Purpose of Assignments:

1. Assignments are part of the continuous evaluation process in Open and Distance Learning (ODL) system. Due weightage is given to the marks/grades you obtain in assignments. This will help you for better performance in the term-end examination. If you secure good grades/marks in assignments, your overall performance will improve.
2. Assignments are also a part of the teaching-learning process in ODL system. Your assignment, after evaluation, will be returned back to you with specific and general comments by the evaluator. This will help you to know your strength as well as your weakness. Thus, it will establish a two-way communication between learner and evaluator.

HOW TO WRITE ASSIGNMENTS:

Please read the instructions for writing the response of an assignment before you start writing your answer.

1. Write your name, programme code, course title, enrolment no. and study center name with code in the top sheet of the assignment answer booklet as per the format given below.

PROGRAMME TITLE:ENROLMENT No.:

NAME:

ADDRESS:.....

COURSECODE.....COURSE TITLE:.....

ASSIGNMENT CODE:SIGNATURE:

STUDY CENTRE:DATE:

2. Before you attempt the assignments, please go through the course materials and practical sessions, consult with your counselor concerned and write answers in your own language.
3. Write the answers in your own handwriting. Give sufficient margin in the left side of each page so that the evaluator will give comments on each paragraph/page.
4. Your handwriting should be neat and readable.

WEIGHTAGE FOR EACH ASSIGNMENT:

1. Each assignment will carry 25% weightage and term-end examinations will carry 75% weightage.
2. Each assignment will be of 100 marks. But it will carry 25% weightage.
3. You have to score minimum pass mark i.e. 40% in each assignment. In case you do not submit assignment or get fail mark in assignment you have to re-submit in the next year.

SUBMISSION DATES FOR ASSIGNMENTS

Sl. No.	Course Code	Name of the Course	Date of Submission	Day (as per Calendar)
SEMESTER - I				
1	DWD-01	Operating Systems (Windows-7, Linux)	26 th Nov. 2017	Sunday
2	DWD -02	Programming in Java	26 th Nov. 2017	Sunday
3	DWD -03	Internet and Web Technology	26 th Nov. 2017	Sunday
4	DWD -04	Web Designing (HTML, CSS, JAVA SCRIPT.	26 th Nov. 2017	Sunday
SEMESTER - II				
5	DWD -05	Database Management Systems	22 nd April 2018	Sunday
6	DWD -06	Application Development Using PHP	22 nd April 2018	Sunday

DWD-01: OPERATING SYSTEMS (100 MARKS)

Write any FOUR questions (each question carries equal marks)

1. Write down the components of Windows desktop and system properties.
2. Write the steps to execute the Linux commands to perform the following.
 - a. Create a new directory
 - b. Display the list of contents in a directory
 - c. Create a file
 - d. Display the contents of a file
 - e. Move the file from one location to the other.
3. Write the steps for the following actions in Windows.
 - a) Create a file in windows.
 - b) Create a folder in Windows.
 - c) Copy a file to a folder.
 - d) Hide the file and unhide the file.
 - e) Copy a file from one location to another location
4. (a) Perform the following operations using Linux commands.
 - i. Listing the users
 - ii. Creating a new user(b) Write the steps for the following operations in windows.
 - i. Steps to create user accounts
 - ii. Changing Your Password
 - iii. Steps to hide a folder
5. Execute the following Linux commands and write down the result and use of each command.
 - (i) cp (ii) cat (iii) man (iv) more (v) cal
6. Explain and write the functions of Control Panel in Windows-7

DWD-02 PROGRAMMING IN JAVA (100 MARKS)

Write any FOUR questions (each question carries equal marks)

1. Write a Java program to calculate area of the circle using radius input by the user.
2. Write a Java program to generate prime numbers between 1 and a given number input by the user.
3. Write a program to convert given no. of days into months and days. (Assume that each month is of 30 days).
4. Write a program in JAVA to determine whether a calendar year is a leap year or not.
5. Write a program to check a string is palindrome or not.
6. Write a program to perform to the extend operation with class.

DWD-03–INTERNET AND WEB TECHNOLOGY

(100 MARKS)

Write any FOUR questions (each question carries equal marks)

1. Write the components of a website. Also write the steps to build a website.
2. Create a simple HTML file to demonstrate the use of various tags used.
3. Create a simple webpage of your choice using HTML.
4. Write the components, features and uses of e-mail.
5. What do you mean by information security? How to secure your information through Internet?
6. (a) Differentiate between HTML and HTML5.
(b) Differentiate between HTML and XHTML.
7. Design a catalogue in ASP

DWD-04 - WEB DESIGNING (HTML, CSS, JAVA SCRIPT.
(100 MARKS)

Write any FOUR questions (each question carries equal marks)

1. Design a webpage of the student entry form using name, age, gender, photograph, Date of birth, place of birth with photographs.
2. Create a website/page using HTML/CSS/ Java Script about poultry and poultry products. Use photographs wherever required.
3. Write a JavaScript program to display the result of a student as per the following % mark.

% Mark	Result
>=90	Excellent
80-90	Very Good
75-80	Good
60-75	First Class
50-60	Second class
40-50	Third Class
<40	Fail

4. Write the steps to create Horizontal and Vertical navigation bars in CSS.
5. Create an advertisement page on hair oil and its products using HTML / CSS / Java Script. Use photographs wherever required.
6. Create an html page named as "TimeTable.html" to display your class time table.
 - a) Provide the title as Time Table.
 - b) Provide various color options to the cells (Highlight the lab hours and elective hours with different colors.)
 - c) Include spanning of rows and columns
 - d) Include cell spacing and padding.

DWD-05 –DATABASE MANAGEMENT SYSTEMS (100 MARKS)

Write any FOUR questions (each question carries equal marks)

1. Write the general format and usages of the following SQL commands.
(a) Create table, (b) Alter table (c) Drop table.
2. Consider the following relational schemes:
EMPLOYEE (EMPLOYEE_NAME, STREET, CITY)
WORKS (EMPLOYEE_NAME, COMPANYNAME, SALARY)
COMPANY (COMPANY_NAME, CITY).
 - a) Specify the table definitions of the given schemes in SQL
 - b) Insert two records in to each table.
3. Consider the relations schemes as given below.
EMP (ENO, ENAME, AGE, BASIC_SALARY)
WORK_IN (ENO, DNO) and DEPT (DNO, DNAME, CITY)
Express the following queries in SQL
 - (i) Find names of employees who work in a deptt. in “Delhi”.
 - (ii) Find name of employee who earns highest salary in ‘SALES’ department.
4. Define a table in SQL called Client, which is used to store information about the clients. Define CLIENT_NO as the primary key whose first letter must start with ‘C’. The column ‘NAME’ should not allow NULL values.

Column name	Data type	Size
CLIENT_NO	Varchar2	6
NAME	Varchar2	20
ADDRESS	Varchar2	30
CITY	Varchar2	15
STATE	Varchar2	15
PINCODE	Number	6
BAL_DUE	Number	10, 2
5. Explain the function of each of the clauses in the SELECT statement.
 - (a) FROM (b) ORDER BY (c) WHERE (d) GROUP BY(e) HAVING
6. Explain each of the following SQL commands with suitable examples.
 - (a) ALTER – Both ADD and MODIFY
 - (b) SELECT – With GROUP BY and HAVING clauses
 - (c) INSERT – Assuming a table with at least five types of attributes.

DWD-06 – APPLICATION DEVELOPMENT (100 MARKS)

Write any FOUR questions (each question carries equal marks)

1. Write a PHP script to accept Employee details (EMPNO, EMPNAME, and ADDRESS) on first page. On second page accept earning (Basic, DA, and HRA). On third page print employee information (EMPNO, EMPNAME, ADDRESS, BASIC, DA, HRA, TOTAL).
2. Write a PHP script to create shape and its sub class triangle, square, circle and display the area of selected shape.
3. Design a Login web page which takes the input Email id or Phone number as User ID, Password and check box for remembering the password and validate user Id and password field by following condition. (Password size must be minimum 8 characters, must have a Number, Special Character and Uppercase letter).
4. (a) Draw a flow chart and a program to find the sum and average of n number of integers.
(b) Write an algorithm, draw a flow chart and also write a program to calculate the factorial of a number (N).
5. (a) Write a program to enter two numbers and swap the numbers using PHP.
(b) Write an algorithm and draw a flow chart to calculate a^b using a loop.
6. Write program for student registration page which takes (First Name, Last Name, User Name, Qualification, Gender, DOB, Address, PIN, E-Mail ID, and Mobile No.) from the database.