



## **DIPLOMA IN COMPUTER APPLICATION (DCA)**

### **ASSIGNMENTS**

**DCA-01 to DCA-06 (Practical)**

**SESSION: 2016-17**

*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 code in the top sheet of the assignment answer booklet.

The top of the first page of your response sheet for each assignment should look like this:

PROGRAMME TITLE: .....ENROLMENT No.: .....

COURSE CODE: ..... NAME: .....

COURSE TITLE: .....

ADDRESS:.....

ASSIGNMENT CODE: ..... SIGNATURE: .....

STUDY CENTRE: ..... DATE: .....

2. Before you attempt the assignments, please go through the course materials carefully, understand the same and write answers in your own language and style.
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.
5. You should not print or type the answers. No printed or photocopy of assignments responses will be accepted.

## WEIGHTAGE FOR EACH ASSIGNMENT:

1. Each assignment will carry 25% weightages and term-end examination 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**

<b>Assignment Sl.</b>	<b>Course</b>	<b>Name of the Course</b>	<b>Date of Submission</b>	<b>Day (as per Calendar)</b>
<b>SEMESTER - I</b>				
1	DCA-01	Computer Fundamentals	23 <sup>rd</sup> Oct 2016	Sunday
2	DCA-02	Office Automation	23 <sup>rd</sup> Oct 2016	Sunday
3	DCA-03	Network Fundamentals	30 <sup>th</sup> Oct 2016	Sunday
4	DCA-04	Web Design	30 <sup>th</sup> Oct 2016	Sunday
<b>SEMESTER - II</b>				
5	DCA-05	Database System	18 <sup>th</sup> Feb 2017	Sunday
6	DCA-06	Application Development	25 <sup>th</sup> Mar 2017	Sunday

## **DCA-01: COMPUTER FUNDAMENTALS PRACTICAL**

**(100 MARKS)**

### **Answer any four**

1. Write down the steps of using organize in My Computer ?
2. Write down the steps of using System Properties?
3. Write down the steps for system protection in Windows?
4. Write down the steps to use device manager in windows?
5. Write down the steps of installing linux?
6. Write down the steps of installing Windows?
7. File and folder management in Linux?
8. File and folder management in windows?

## **DCA-02: OFFICE AUTOMATION PRACTICAL**

**(100 MARKS)**

### **Answer any four**

1. Write about Mahatma Gandhi in MSWord in 5 pages incorporating Pictures and other tools.
2. Create a power point presentation on the above question 1 using animations and sections
3. Show an example of V-LOOKUP?
4. Show an example of H-LOOKUP?
5. Show an example of Pivot Table?
6. Create a worksheet containing student name ,age, marks in { physics, chemistry, Mathematics} and create a bar chart relating to name,marks scored in three subjects?

## **DCA-03 NETWORK FUNDAMENTALS**

**(100 MARKS)**

**Answer any Four**

1. Study about different physical equipment used for networking.
2. Study of internetwork devices.
3. Connect two PCs using peer to peer communication
4. Study of basic network management commands.
5. Connect the computers in Local Area Network.
6. Identification of network components and creating a topology using CISCO packet tracer software.

## **DCA-04 : WEB DESIGN PRACTICAL**

**(100 MARKS)**

**Answer any Four**

1. Design a small website of 4 freedom fighters using html, css and JavaScript. It should comprise of date of birth, childhood, youth, old age and death. It should comprise of activities done by the individual with photographs
2. Design a webpage of the student entry form using name, age, gender, photograph, Date of birth, place of birth with photographs.
3. Create an advertisement page on hair oil and its products using HTML, CSS, JavaScript . Use photographs wherever required.
4. Create a small website using html, css, java script about milk and milk products. Use photographs wherever required.
5. Create a small website using html, css, java script about poultry and poultry products. Use photographs wherever required.
6. Create a small website on water and water purification methods.

## DCA-05 : DATABASE SYSTEM

(100 MARKS)

### Answer any Four

1. Rajesh a shop selling variety of items. These include grocery and stationary. Prepare a database relating to inventory control .
2. Suresh has pharmacy shop. Prepare a database relating to inventory control.
3. Kapil is a homeopathy doctor. Prepare a database for him so that can
  - a. Store new patient details
  - b. Keep track of old patients
  - c. Keep inventory of medicines.
4. What are the various SQL joins used ?
5. What are the sql wild cards used ?
6. What are constraints and how are they used ?

## DCA-06: APPLICATION DEVELOPMENT PRACTICAL

### Answer any Four

(100 MARKS)

1. Design a form named student\_data.php comprising of student data that are
  - a. Class in a drop down from {1 to 10} **Validation** :- {Cannot be blank}
  - b. Section in drop down {a,b,c,d} **Validation** :- {Cannot be blank}
  - c. Roll No {Text box} **Validation** :- {Cannot be blank, numeric fields only}
  - d. Name {Text box}. **Validation** :- {Cannot be blank, Cannot comprise of numeric fields}
  - e. Age in a drop down{1 to 20} **Validation** :- {Cannot be blank, numeric fields only}
  - f. Gender in drop down {M,F} **Validation** :- {Cannot be blank}
  - g. Date of birth in date field **Validation** :- {Cannot be blank, Date Field only}
  - h. Submit button to submit the form
  - i. Reset button to reset the form
  - j. Method to be post and on submission data to go to submit\_data.php. The data to be saved to student\_data table and the form to be redirected to student\_data.php
2. Write programs on super globals in php?
3. Write programs on oops concept?
4. Write programs on Condition Statement?
5. Write programs on Loops?
6. Write programs on Data types?
7. Write programs on database connectivity?