



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ

Odisha State Open University

Established : 2015

Temporary Campus : G.M. University, Sambalpur

E-Mail : info@osou.ac.in, Website : www.osou.ac.in.

ସମ୍ବଲପୁର, ଓଡ଼ିଶା

ସ୍ଥାପିତ : ୨୦୧୫

ଅସ୍ଥାୟୀ ଶିବିର : ଜି.ଏମ୍. ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର

ASSIGNMENT – 1 to 7 (Practical)

SESSION: 2015-16

DIPLOMA IN COMPUTER APPLICATION

(DCA)

Please read the instructions carefully before attempting assignment questions.

INSTRUCTIONS

Dear Learner,

Welcome to the Diploma Programme in Journalism and Mass Communication offered by Odisha State Open University, Sambalpur.

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 response to Coordinator of the Study Centre. Before you attempt the assignments, please go through the course materials carefully. Please read the instructions pertaining to an assignment before your start writing your answer. Do not copy from the course material or from any other source. You are advised to read the material carefully, understand the same and write answers in your own language and style so that you will get good marks/grades.

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. 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:

1. Write your name, programme code, course title, enrolment no. and study centre code in the top sheet of the assignment answer booklet.
2. Write the answers in your handwriting. Give sufficient margin in the left side of each page so that the evaluator will give comments on each paragraph/page.
3. Do not cross the word limit given in each question.
4. Your handwriting should be neat and readable.

Weightage for each assignment:

1. Each assignment will carry 25% weightage 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

Practical S.N.	Paper	Name of the Paper	Date of Submission	Day (as per Calendar)
SEMESTER - I				
1	1	Computer Fundamentals	05 th June 2016	Sunday
2	2	Ms Office	19 th June 2016	Sunday
3	3	HTML , CSS, JavaScript	10 rd Jul 2016	Sunday
4	4	Adobe Photoshop CS6 & Adobe Flash CS6	31 th Jul 2016	Sunday
SEMESTER - II				
5	1	RDBMS & SQL (MYSQL)	04 th Sept.2016	Sunday
6	2	PHP	2 th Oct. 2016	Sunday
7	3	AJAX	23 th Oct. 2016	Sunday

COMPUTER FUNDAMENTALS (Total: 100 Marks)

Long Type Questions (Total: - 40 marks)

- Q. 01 Format a hard disk and write down the steps that you have done during the entire process. Mark: 20
- Q. 02 Install device drivers and note down what device drivers you have used and why. Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 Create a folder which comprises of 4 kinds of files in windows 7 Mark: 15
- a. Text File
 - b. Word File
 - c. Excel File
 - d. Power point File.
- Q. 02 Create a folder in MS Dos and create 2 text files Mark: 15
- a. My_biodata.txt
 - b. My_dreams.txt

Short Type Questions (Total :- 30 marks)

- Q. 03 Do the following using MS-Dos and Windows Mark: 30
- a. Create a directory named myself using MS Dos and using windows in D drive
 - b. Create a file in the directory named myself using MS Dos and using windows
 - c. Copy the file named myself to myself1 using MS Dos and using windows
 - d. List the files in the directory using MS Dos and using windows
 - e. Rename myself file to self using MS Dos and using windows
 - f. Move self file to d: drive using MS Dos and using windows

MS OFFICE QUESTIONS

I. Long Type Questions (Total: - 40 marks)

Q. 01	Using MSWord write a document about an organization comprising about the following <ul style="list-style-type: none">i. Introductionii. About the organizationiii. What does the organization doiv. Where it is located	Mark: 20
Q. 02	Using MS Excel create a sheet named employee comprised of the following columns in different colors <ul style="list-style-type: none">• Name in red color• Designation in green color• Gender in blue• Address in orange color• Mobile in pink color• Pay in yellow• The sum of all the pay should be displayed as total pay.	Mark: 20

II. Medium Type Questions (Total: - 30 marks)

- Q. 01 Using Power point design a power point presentation about an organization. Mark: 15
- Q. 02 Using MS Visio design a flowchart to find even numbers from 1 to 20 Mark: 15

III. Short Type Questions (Total: - 30 marks)

- Q. 01 Using WordArt create a write up Keep Shoes Outside. Mark: 5
 - Image of Gents shoes should be on the top left.
 - Image of Ladies shoes should be on the bottom right
- Q. 02 Show an example of pivot table Mark: 5
- Q. 03 Show an example of data table Mark: 5
- Q. 04 Show an example of HLookup Mark: 5
- Q. 05 Show an example of VLookup Mark: 5
- Q. 06 Protect a workbook and worksheet. Mark: 5

HTML , CSS, JavaScript (Total: 100 Marks)

I. Long Type Questions (Total: - 40 marks)

- Q. 01 Design web pages using HTML ,CSS, JavaScript comprising of the following. Mark: 20
- About us
 - Our Achievements
 - Works that we do
- All the 3 web pages should be linked by an index page index.html via menus designed in CSS. The menus are as below
- About us
 - Our Achievements
 - Works that we do
- Q. 02 using Html ,JavaScript and CSS create a employee entry form which comprises of the following Mark: 20
- Employee Name
 - Employee Gender
 - Employee designation

II. Medium Type Questions (Total: - 30 marks)

- Q. 01 Using HTML,CSS prepare an Advertisement page which advertises a health drink named **STRONG**. Note it should contain images. Mark: 10
- Q. 02 Using HTML,CSS and JavaScript prepare a small website which advertises about food and beverages. Note it should contain images. Mark: 10
- Q. 03 Give an example of JavaScript Animation Mark: 10

III. Short Type Questions (Total: - 30 marks)

- Q. 01 Give an example of HTML event handling Mark: 5
- Q. 02 Give an example of multimedia inside HTML Mark: 5
- Q. 03 Give an example of how is horizontal alignment done using CSS Mark: 5
- Q. 04 Give an example of working with images using CSS Mark: 5
- Q. 05 Give an example of errors and error handling in JavaScript. Mark: 5
- Q. 06 Give an example of printing from a webpage using Java script and HTML Mark: 5

Adobe Photoshop CS6 & Adobe Flash CS6 (Total: 100 Marks)

I. Long Type Questions (Total: - 40 marks)

- | | | |
|-------|--|----------|
| Q. 01 | Using Layers design a beautiful scenery | Mark: 20 |
| Q. 02 | Using animation design arrow striking the target | Mark: 20 |

II. Medium Type Questions (Total: - 30 marks)

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|-------|---|----------|
| Q. 01 | Get a photo and start using layer masking on it. | Mark: 15 |
| Q. 02 | Using layers and timeline prepare various kinds of animations namely motion tween, shape tween, classic tween | Mark: 15 |

III. Short Type Questions (Total: - 30 marks)

Write short notes on

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|-------|--|---------|
| Q. 01 | Create a Bone Tool animation in flash | Mark: 5 |
| Q. 02 | Create a Bind Tool animation in flash | Mark: 5 |
| Q. 03 | Using deco tool design a pattern in flash | Mark: 5 |
| Q. 04 | Using 3D rotation tool rotate an image. | Mark: 5 |
| Q. 05 | use of pen tool, add anchor point tool, delete anchor point tool, convert anchor point tool and shape tween create an animation. | Mark: 5 |
| Q. 06 | Give an example of use of ink bottle tool | Mark: 5 |

RDBMS AND SQL (MYSQL) (Total: 100 Marks)

I. Long Type Questions (Total: - 40 marks)

- Q. 01 Create a school database which comprises of Mark: 20
 i. Class details
 ii. Student details
 iii. Teachers details
 iv. Student academic details
- Q. 02 Write stored procedures, stored functions to insert, update, delete data. Mark: 20

II. Medium Type Questions (Total: - 30 marks)

- Q. 01 Give an example of Sql Constraints Mark: 10
Q. 02 Discuss the various joins and write sql queries of various joins. Mark: 10
Q. 03 Write are wild cards and how are they used.write sql queries with wild cards. Mark: 10

III. Short Type Questions (Total: - 30 marks)

Write short notes on

- Q. 01 Give an example of Group By Clause Mark: 5
Q. 02 Give an example of Distinct Clause Mark: 5
Q. 03 Give an example of Order By Clause Mark: 5
Q. 04 Give an example of Union Clause Mark: 5
Q. 05 Give an example to use Null Mark: 5
Q. 06 Give an example to Truncate Table Mark: 5

PHP (Total: 100 Marks)

I. Long Type Questions (Total: - 40 marks)

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|-------|--|----------|
| Q. 01 | Design a screen to add,edit,delete,list using php,mysql,javascript,html. | Mark: 20 |
| Q. 02 | Write a program using Design Patterns InPHP | Mark: 20 |

II. Medium Type Questions (Total: - 30 marks)

- | | | |
|-------|--|----------|
| Q. 01 | Give an example of Database connectivity | Mark: 10 |
| Q. 02 | Give an example to call stored Procedures in php | Mark: 10 |
| Q. 03 | Give an example to call stored functions in php | Mark: 10 |

III. Short Type Questions (Total: - 30 marks)

Give examples using

- | | | |
|-------|-----------------|---------|
| Q. 01 | Class | Mark: 5 |
| Q. 02 | Object | Mark: 5 |
| Q. 03 | Member Variable | Mark: 5 |
| Q. 04 | Member function | Mark: 5 |
| Q. 05 | Inheritance | Mark: 5 |
| Q. 06 | Polymorphism | Mark: 5 |

AJAX (Total: 100 Marks)

I. Long Type Questions (Total: - 40 marks)

- Q. 01 Create a form comprising of 3 list boxes country, state, city. When the country is changed automatically the state has to change and when the state is changed the cities in the city list box change Mark: 20
- Q. 02 Create a form which is comprised of list of employee names. With change of names automatically a table should be designed automatically with details of employee such as employee name, gender, age, address, profession, organization Mark: 20

II. Medium Type Questions (Total: - 30 marks)

- Q. 01 Create a form that shows the list of employees whose date of birth lies between from date and to date when the show employee button is clicked using mysql connectivity Mark: 10
- Q. 02 Create a form that shown the list of students who are poor, average, bright, brilliant when a particular section of a particular class is selected using drop down box. Particulars of the student include roll no, student name, class, section, gender, study status. Those students rows
i. that are brilliant should be in yellow
ii. those who are bright should be pink,
iii. Those average should be green
iv. those who are poor should be marked red.
using Mysqli connectivity Mark: 10
- Q. 03 Create a form for user name and password checking using Ajax. Chance should be given for 3 times checking. 4th time the user name gets locked. Do this using PDO connectivity. Mark: 10

III. Short Type Questions (Total: - 30 marks)

- Q. 01 Create a Employee Form validation in Ajax using mysqli Mark: 05
- Q. 02 Create a Employee Form validation in Ajax using PDO Mark: 05
- Q. 03 Example of ajax to call mysql stored function Mark: 05
- Q. 04 Example of ajax to call mysql stored function Mark: 05
- Q. 05 Example of Ajax to call Php objects that call stored procedures that call Mysql Database Mark: 05
- Q. 06 Example of Ajax to call Php objects that call stored functions that call Mysql Database Mark: 05