



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ

Odisha State Open University

Established : 2015

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ସମ୍ବଲପୁର, ଓଡ଼ିଶା

ସ୍ଥାପିତ : ୨୦୧୫

ଅସ୍ଥାୟୀ ଶିବିର : ଜି.ଏମ୍. ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର

ASSIGNMENT – 1 to 6 (Theory)

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

Assignment S.N.	Paper	Name of the Paper	Date of Submission	Day (as per Calendar)
SEMESTER - I				
1	1	Computer Fundamentals	29 th May 2016	Sunday
2	2	Ms Office	12 th June 2016	Sunday
3	3	HTML , CSS, JavaScript	3 rd Jul 2016	Sunday
4	4	Adobe Photoshop CS6 & Adobe Flash CS6	24 th Jul 2016	Sunday
SEMESTER - II				
5	1	RDBMS & SQL (MYSQL)	28 th Aug. 2016	Sunday
6	2	PHP	25 th Sept. 2016	Sunday
7	3	AJAX	16 th Oct. 2016	Sunday

ASSIGNMENT-1

COMPUTER FUNDAMENTALS (Total: 100 Marks)

Long Type Questions (Total: - 40 marks)

- Q. 01 What is a computer and describe the functions of computer Mark: 20
- Q. 02 Describe the generations of computer. Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 What are the various types of computer? Mark: 15
- Q. 02 What is number system and number conversion? Mark: 15

Short Type Questions (Total :- 30 marks)

- Q. 01 Convert Decimal to Binary, Octal, Hexadecimal Mark: 15
 a) 10
 b) 12
 c) 14
 d) 16
 e) 18
- Q. 02 What are the various components of a computer. Mark: 15

ASSIGNMENT-2

MS OFFICE (Total: 100 Marks)

Long Type Questions (Total: - 40 marks)

- Q. 01 Describe the tools of MSWord in detail. Mark: 20
- Q. 02 Describe the tools of MSExcel in detail. Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 Describe the file tab in Power point. Mark: 15
- Q. 02 Describe the Design tab in Power point. Mark: 15

Short Type Questions (Total: - 30 marks)

- Q. 01 Write down the steps how to work with slides. Mark: 6
- Q. 02 Write down the various slide animations in power point. Mark: 6
- Q. 03 Write down the steps of working with outlines in power point. Mark: 6
- Q. 04 What is presentation view in power point? Discuss. Mark: 6
- Q. 05 What are the various shapes used in MS Visio 2010 for flowchart? Mark: 6

ASSIGNMENT-3

HTML , CSS, JavaScript (Total: 100 Marks)

Long Type Questions (Total: - 40 marks)

- Q. 01 What is a table in HTML? Describe the components of a table with an example? Mark: 20
- Q. 02 What are frames? What is frame management? Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 What is event handling in HTML? Mark: 15
- Q. 02 Describe the CSS syntax in detail. Mark: 15

Short Type Questions (Total: - 30 marks)

- Q. 01 What is JavaScript and why do we use it? Mark: 6
- Q. 02 Describe JavaScript Syntax. Mark: 6
- Q. 03 Describe the if else statement in JavaScript. Mark: 6
- Q. 04 Describe JavaScript objects. Mark: 6
- Q. 05 Discuss errors and error handling in JavaScript. Mark: 6

ASSIGNMENT-4

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

Long Type Questions (Total: - 40 marks)

- Q. 01 Discuss about the layers in Photoshop. Mark: 20
- Q. 02 Discuss about the animation in Flash. Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 What is masking in Photoshop? Discuss in detail. Mark: 15
- Q. 02 Discuss about layers and timeline in flash. Mark: 15

Short Type Questions (Total: - 30 marks)

Write short notes on

- Q. 01 Bone Tool in flash Mark: 5
- Q. 02 Bind Tool in flash Mark: 5
- Q. 03 Paint Bucket Tool in flash Mark: 5
- Q. 04 Color Picker Tool in flash Mark: 5
- Q. 05 Swatches Tab in flash Mark: 5
- Q. 06 Eraser tool in flash Mark: 5

ASSIGNMENT-5

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

Long Type Questions (Total: - 40 marks)

- Q. 01 What is Normalization? Discuss Normal Forms with Examples? Mark: 20
- Q. 02 What is a database and what is a table? Describe with an example. Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 What is DDL, DML, DSL? Describe with examples. Mark: 10
- Q. 02 What are Stored Procedures? Mark: 10
- Q. 03 What are Stored Functions? Mark: 10

Short Type Questions (Total: - 30 marks)

Write short notes on

- Q. 01 Group By Clause Mark: 5
- Q. 02 Distinct Clause Mark: 5
- Q. 03 Order By Clause Mark: 5
- Q. 04 Union Clause Mark: 5
- Q. 05 Null values Mark: 5
- Q. 06 Truncate Table Mark: 5

ASSIGNMENT-7

AJAX (Total: 100 Marks)

Long Type Questions (Total: - 40 marks)

- Q. 01 What is AjaxXmlHttp? Mark: 20
- Q. 02 What is Ajax Request and Ajax Response? Mark: 20

Medium Type Questions (Total: - 30 marks)

- Q. 01 What are Ajax Events? Mark: 15
- Q. 02 Describe how Ajax Works? Mark: 15

Short Type Questions (Total: - 30 marks)

- Q. 01 What are the advantages and disadvantages of AJAX? Mark: 10
- Q. 02 What are all the technologies used by Ajax? Mark: 10
- Q. 03 Describe the **readyState** property of the XMLHttpRequest object. Mark: 10