



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର, ଓଡ଼ିଶା  
Odisha State Open University, Sambalpur, Odisha  
Established by an Act of Government of Odisha.

# ASSIGNMENTS

## Certificate in Digital Library (CDL)

**SESSION: 2019-20**

### *SUBMISSION DATES FOR ASSIGNMENTS*

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>SUBMISSION DATE</b>
<b>CDL-01</b>	<b>Digital Library- Overview, Components of Digital Library</b>	<b>Sunday, 17<sup>th</sup> November 2019</b>
<b>CDL-02</b>	<b>Digitisation, Open Access and Digital Rights/Access Management</b>	<b>Sunday, 17<sup>th</sup> November 2019</b>
<b>CDL-03</b>	<b>Digital Library: Services, Preservation, Standards, IPR and Legal Issues</b>	<b>Sunday, 17<sup>th</sup> November 2019</b>

# INSTRUCTIONS

Dear Learner,

Welcome to the CDL programme 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 you 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. Do not cross the word limit given in each question.
3. 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
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**CDL-01: Digital Library- Overview, Components of Digital Library**  
**Full marks: 100**

**GROUP-A**

**1. Multiple Choice- Type Questions (Answer all Questions) Marks: 10 (1x10)**

- a) Discuss the characteristics of Digital Library?
- b) Discuss the advantages of digital library.
- c) Explain the different digital library services.
- d) What are the four dimensions of digital library?
- e) What is the purpose of institutional repository?
- f) \_\_\_\_\_is the first commercial online services started in 1971.
- g) The first digitised image was produced in \_\_\_\_\_.
- h) Who launched Budapest Open Access Initiatives in 2002?
- i) How many important features are there in Flexible Extensible Digital Object Repository Architecture (FEDORA)?
- j) NSDL and NDLTD are the examples of \_\_\_\_\_Database System.

**GROUP-B**

**2. Answer 4 (Four) questions within 50 words Marks: 20 (5x4)**

- a) What do you mean by Digital Image Technology?
- b) Explain briefly about the Digital Rights Management.
- c) What is the function of 'Ask-An-Expert' in digital libraries?
- d) What are the interface designs of the conceptual model in digital library?
- e) Discuss briefly about the software requires for content creation in digital libraries.
- f) What are the five basic services offered by CRADDL?

**GROUP-C**

**3. Answer 4 (Four) questions within 200 words Marks: 40 (10x4)**

- a) What do you mean by cloud computing?
- b) Why indexing services are essential in digital library?
- c) Explain the different three levels of NSDL.
- d) What is a proxy process?
- e) What are the Three- Tier Framework for System Management of Digital Library?
- f) What are the differences between perpetual access and annual lease?

**GROUP-D**

**4. Answer 2 (Two) questions within 250 words Marks: 30 (15x2)**

- a) Discuss the key principles of digital library architecture.
- b) State the different search and retrieval protocols in digital libraries.
- c) What is digitisation? Explain the different types of benefits of digitisation.
- d) Briefly explain the different selection criteria of electronic resources in digital library.

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## CDL-3: Digital Library: Services, Preservation, Standards, IPR and Legal Issues

**Total Marks: 100**

### GROUP-A

#### 1. Answer all questions.

**1x10=10 Marks**

- a) How many e-mail alerts services are there?
- b) WWW provides \_\_\_\_\_environment for distributing information over a large network.
- c) The question point service is a \_\_\_\_\_service.
- d) Internet chat technology is an innovative method for offering \_\_\_ reference service.
- e) Emulation is a method associated with \_\_\_\_\_.
- f) OAIS model was developed by \_\_\_\_\_.
- g) In which year OCLC and RLG established PREMIS?
- h) A system offers \_\_\_\_\_ solution for the challenges of archiving and preservation in the virtual world.
- i) Save the time of the reader refers to \_\_\_\_\_ information.
- j) Who are the central to digital library?

### GROUP-B

#### 2. Answer any 4 (within 50 words)

**5x4=20 Marks**

- a) What do you mean by web-based reference aggregations?
- b) Discuss the difference between conversion and born digital.
- c) What are web feeds?
- d) Differentiate between Tangible Rights and Intangible Rights.
- e) What do you mean by context information?
- f) What are the constituents of market information function?

### GROUP-C

#### 3. Answer any 4 (within 200 words)

**10x4=40 Marks**

- a) Explain the need for web-based user education.
- b) Discuss about the nature of digital contents.
- c) What is bit-stream copying?
- d) What is METS?
- e) Why digital archaeology is required in digital library?
- f) What are the various approaches of Portico to preserve digital contents?

### GROUP-D

#### 4. Answer any 2 (within 250 words)

**15x2=30 Marks**

- a) Explain various principles associated with digital preservation.
- b) What are the major functions initiated by UNESCO for preservation programs?
- c) Differentiate between marketing function and library function.
- d) How library philosophy is mixed with marketing?

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