

# LIS16108 Preservation and Conservation of Library Materials



**Brand:** Mehta Solutions

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## Short Description

**Nims LIS16108 Preservation and Conservation of Library Materials**

## Description

**LIS16108 Preservation and Conservation of Library Materials SOLVED PAPERS  
AND GUESS**

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**Pub. Date: NEW EDITION APPLICABLE FOR Current EXAM**

**Publisher: MEHTA SOLUTIONS**

**Edition Description: 2021-22**

**RATING OF BOOK: EXCELLENT**

## **ABOUT THE BOOK**

### **FROM THE PUBLISHER**

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**PRESERVATION AND CONSERVATION OF LIBRARY MATERIALS**

**– LIS16108**

**UNIT CONTENTS**

**1**

**Preservation and conservation of library Materials- Various conservation methods used in**

libraries, preservation and conservation, need for preservation of library resources, librarian's responsibility, strategies for preservation, factors of deterioration of library materials, environmental factors, biological factors, chemical factors, human factors, preventive measures for the factors of deterioration. MASTER OF LIBRARY & INFORMATION SCIENCES

2

Paper Documents, Physical Elements of a Book and conserving Non-Book Material Introduction, Composition, ingredients, processing of raw materials, handmade paper,

machine made paper, modern papers, special kinds of paper, durability of paper.

Physical elements of a book - inks, modern inks, boards, adhesives, characteristics of PVA

Adhesives, sewing materials, miscellaneous material, sound discs, magnetic media.

Conserving non-book materials - introduction, maps, paintings, photographic materials, slides, image, microforms, sound recordings, compact disks, optical disks, newspapers, preservation of audio, magneto-optical disks, data storage technology.

3

Deterioration of library materials and their enemies- Deterioration and its reasons -

Introduction, external causes, physical deterioration, temperature and relative humidity, aging, heat, light, darkness, moisture, chemical deterioration, acid, harmful agents, foxing,

atmospheric pollution, dust and dirt, action of inks, effect of printing, human factors.

Enemies of library materials - Introduction, Agents of biodeterioration, microbiological agents, insects, cockroaches (*Blatta-Orientalis*, silver fish (*Lapisma Saccharina*), Firebrats,

Termites (White-ants), Book lice, bookworm (*Coleoptera*), moths, rodents, human beings.

4

Conservation techniques for paper and books- Techniques of paper conservation -

Introduction, an overview of western and Japanese paper, characteristics of western papers,

watermarks, wove paper, machine made paper. Characteristics of Japanese paper - testing paper for grain direction, testing pH, photographs. Supplies and equipments needed for paper repairs - adhesives, white glues, glue sticks, rubber cement, methylcellulose.

Preparing materials - staples, rubber bands, other fasteners, brittle paper, removing debris from the gutter of a book, humidifying folded or rolled documents, flattening and drying station, avoiding tide lines, paper repair techniques, tipping pages. Conservation techniques

for books - Introduction, brief review of bookbinding structure and terminology, techniques

for handling books, opening a book, supporting fragile books, Packing and moving books,

supplies and equipment needed for book repairs, western and Japanese papers. Book repair

techniques - reattaching loose plates, inserting guarded leaves, tipping in guarded leaves, hinging in guarded leaves, sewing leaves together, attaching the signature to the book, board

sheet replacement, basic pocket, pocket with gussets, method of application, making a hollow tube, attaching the tube, putting down the flapping spine, variation: Attaching the repair cloth over the old cloth. Repairs to the text block and the case - using a tube to repair

a broken hinge, using a spine lining to repair a broken hinge, using a spine lining and a tube

to repair a broken hinge, preparing the Text Block, preparing the case, replacing a torn spine

strip, joining the case and Text Block, consolidating the Text Block using a tube, consolidating the text block using a cloth lining, making a tube, preparing a new cloth spine,

attaching the new spine, making the turn-ins, reattaching the original spine, variation: lifting

the old cloth, variation: attaching the new spine, preparing the text block, repairing the case,

preparing a new cloth spine, attaching the boards to the new spine, joining the repaired case

to the text block, reattaching the old spine. Pamphlets - preparing the pamphlet, buffered barrier sheet, sewing the pamphlet into a binder. Children's Books - multi-section.

5

Control of deterioration and rehabilitation of documents- Preventive measures and Housekeeping, introduction, environment control, central air-conditioning, housekeeping, grammexine powder, microbiological agents and their control, pest control. Rehabilitation

of documents - introduction, cleaning and sterilization, removal of stains, other stains, fumigation, thymol fumigation, fumigation with formaldehyde, fumigation with ethylene dichloride and carbon tetrachloride, fumigation with para-dichlorobenzene, fumigation with

killoptera, fumigation with ethylene and carbon, vacuum fumigation, other fumigants.

Deacidification - the use of two solutions, calcium hydroxide, calcium and magnesium carbonates, the use of a single solution, deacidification by spraying, lime w

## **Details**

### **1. Books by courier**

**2. Delivery in 5-7 days**

**3. Courier india only**

**4. Rating of product : largest selling**