

**UNIVERSITY OF ZAMBIA**  
**SCHOOL OF EDUCATION**  
**2015 FULL COURSES EXAMS**  
**POST GRADUATE**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>
1. LIS 5125	Perspectives in library and information science
2. LIS 5215	Information processing
3. LIS 5310	Information systems and Technologies in Information management
4. LIS 5325	Knowledge Management

**THE UNIVERSITY OF ZAMBIA**  
**END OF YEAR EXAMINATIONS, JUNE/JULY 2015**  
**LIS 5125: PERSPECTIVES IN LIBRARY AND INFORMATION SCIENCE**

**INSTRUCTIONS: ANSWER THREE QUESTIONS ONLY.**

**TIME: 3 HOURS.**

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1. Discuss why every country need a National Library.
2. Justify the need for every organisation to have a special library.
3. Discuss the need for every Library to carry out weeding as part of the Collection Development Process.
4. You have been called for an interview to be university Librarian. one of the people on the panel asks you to explain the importance of a reference collection in an academic library. What would be your response?
5. School Libraries are a waste of resources for schools in the era of the Internet.
6. Describe briefly ten (10) specific elements which the librarian should consider when planning a public library building.

**END OF EXAMINATION**

**THE UNIVERSITY OF ZAMBIA**  
**END OF YEAR EXAMINATIONS, JUNE/JULY 2015**  
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**END OF EXAMINATION**

**UNIVERSITY OF ZAMBIA**  
**LIS 5215: Information Processing**  
**2015 July Final Examination**

**Instructions**

Time: Three (3) hours

ANSWER Three Questions ONLY: Two from Section A, and ALL Questions from Section B.

ALL questions are of equal weight.

Total Marks obtainable is 40.

**SECTION A**

*Question 1:* Discuss the advantages and disadvantages of the card catalogue.

*Question 2:* Discuss the factors that have contributed to the Dewey Decimal Classification being the most widely used classification scheme in the world.

*Question 3:* Discuss the principles of subject cataloguing.

**SECTION B**

*Question 4:* Catalogue the following titles according to the AACR2.

**Sears List of Subject Headings**  
12<sup>th</sup> Edition  
Edited by  
**Barbara M. Westby**  
New York  
The H.W. Wilson Company, 1982.

.....  
*Other information:*

Call No: 025.4

Pages: 624

Height: 24.2cm  
.....

**Moving the Mountain**  
**Women working for Social Change**  
**Ellen Cantarow**  
**with**  
**Susan Cushee O'Malley**  
**and**  
**Sharon Hartman Strom**  
The Feminist Press  
Old Westbury, New York.

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*Other information:*

Call No: 303.484

Pages: xii, 166

Size: 23cm

ISBN: 0-07-020443-8 McGraw-Hill, 0-0912670-61-4 (Feminist Press), 2005.

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# UNIVERSITY OF ZAMBIA

## LIS 5310: Information Systems and Technologies in Information Management

### 2015 June Final Examination

#### Instructions

Time: Three (3) hours

ANSWER Three Questions ONLY: One from Section A, One from Section B, and a Third Question from Any Section.

ALL questions are of equal weight.

Total Marks obtainable is 40.

#### SECTION A: Information Systems

**Question 1:** The System development Life cycle has a number of steps that include system needs, documentation and piloting. Discuss these steps and justify their necessity with reference to a particular system development of your choice.

**Question 2:** Short loaning is a measure taken by a number of libraries. Discuss how to automate this service and how it relates with other sub-systems that are directly linked or connected to it.

**Question 3:** Answer both questions:

- a) Critically analyse any three factors of technological diffusion.
- b) Use the factors discussed in question 3(a) to discuss and illustrate how you would promote web 2.0 technologies in any kind of library user community in Zambia.

#### SECTION B: Database Management Systems

**Question 4:** Discuss the advantages and disadvantages of DBMSs.

**Question 5:** Discuss each of the following concepts in the context of the relational data model:

- (a) Relation
- (b) Attribute
- (c) Primary key
- (d) Referential integrity
- (e) Relational database

**Question 6:** Discuss the major security risks to database systems and suggest possible solutions to these risks



**THE UNIVERSITY OF ZAMBA**

**2015 JUNE/JULY EXAMINATIONS**

**LIS 5325: KNOWLEDGE MANAGEMENT**

**Wednesday, July 15, 2015**

**Instructions:**

- Answer any **(three)** questions.
- All questions carry **Equal Marks**
- Duration: **3 hours**

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1. Identify and discuss the three broad aims and objectives of a Knowledge audit. **(13.25 Marks)**.
  2. Discuss with relevant examples the difference between Tacit and explicit information **(13.25 Marks)**.
  3. Identify a particular sector of your choice, critically analyse Knowledge Management practices in that sector. Use an example from Zambia. **(13.25 Marks)**.
  4. What is E-Government. Critically analyse the role of E-Government in the Public Sector. Give practical examples from Zambia. **(13.25 Marks)**.
  5. How was Knowledge Management organised in the oral African traditional society. Discuss with examples. **(13.25 Marks)**.

# UNIVERSITY OF ZAMBIA

## LIS 5310: Information Systems and Technologies in Information Management

### 2015 June Final Examination

#### Instructions

Time: Three (3) hours

ANSWER Three Questions ONLY: One from Section A, One from Section B, and a Third Question from Any Section.

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Total Marks obtainable is 40.

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