

THE UNIVERSITY OF ZAMBIA

SCHOOL OF EDUCATION

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

1. LIS 2022 INFORMATION SOURCES AND SERVICES
2. LIS 2034 RESEARCH METHODS IN LIBRARY AND INFORMATION SCIENCE
3. LIS 3022 INDEXING AND ABSRTACTION
4. LIS 4020 RECORDS MANAGEMENT AND ARCHIVES ADIMINISTRATION
5. LIS 5415 RECORDS AND ARCHIVES MANAGEMENT

THE UNIVERSITY OF ZAMBIA

END OF YEAR EXAMINATIONS: AUGUST/SEPTEMBER, 2017

LIS 2022: INFORMATION SOURCES AND SERVICES

INSTRUCTIONS: ANSWER THREE QUESTIONS

TIME: THREE HOURS

SECTION A: COMPULSORY (40 MARKS)

1. You have been called for an interview for the position of Reference Librarian at Robert Makasa University library. One of the panelists asks you to explain any five types of Reference Services you would employ for Robert Makasa library community and why. Discuss your response.

SECTION B: ANSWER ANY ONE (1) QUESTION (30 MARKS EACH)

2. The University of Paale has been restructured and has a totally new management who do not see a need of having a Reference Librarian. As Chief Librarian, you have been asked to justify the need for that position. Explain your response using four major functions of a Reference Librarian.
3. In order to establish the parameters of acceptable behaviour, a given profession will often codify the moral principles applicable to its membership. In line with the above statement, discuss ethical principles pertaining to reference work.

SECTION C: ANSWER ANY ONE (1) QUESTION (30 MARKS EACH)

4. "In building the reference collection, the librarian must evaluate the *quality* of individual sources and their *suitability* for inclusion in the library's reference collection" (Bopp & Smith, 2011: 392). Explain any 6 criteria for assessing reference materials.
5. Write brief notes on the uses of any 5 of the following:
 - a. Boolean operators
 - b. Handbooks
 - c. Bibliographies
 - d. Thesauri
 - e. Abstracts
 - f. Patents

END OF EXAMINATION

THE UNIVERSITY OF ZAMBIA

END OF YEAR EXAMINATIONS: AUGUST/SEPTEMBER, 2017

LIS 2034: RESEARCH METHODS IN LIBRARY AND INFORMATION SCIENCE

INSTRUCTIONS: ANSWER FIVE (5) QUESTIONS (ALL questions from Section A; TWO from Section B).

TIME: THREE (3) HOURS

CALCULATORS: You are allowed to use a certified calculator in this examination.

The marks given in square brackets are indicative of the weight given to each part of the question.

SECTION A (COMPULSORY) 40 MARKS

1. One purpose of displaying data graphically is to provide clues about trends. The values given below are downloads of e-books by 60 second year LIS students from an academic library website over a period of one month. Create a frequency distribution with 5 classes. Based on your distribution, comment on the usage of e-books by students on this website.

5; 7; 2; 1; 8; 2; 2; 2; 8; 1; 1; 2; 9; 2; 2; 8; 2; 2; 1; 1; 9; 4; 4; 1; 2; 2; 5; 4; 8; 3; 5; 6;
7; 3; 6; 9; 4; 9; 6; 8; 8; 7; 9; 7; 3; 5; 6; 4; 2; 6; 3; 5; 1; 1; 3; 5; 2; 4; 8; 3 [10]

2. Fred, an assistant librarian in a public library, gathered the following data regarding the prices of twelve children's story books at one of the local book shops in Lusaka:

32; 24; 26; 28; 18; 28; 30; 22; 24; 26; 29; 28 [10]

Using this data calculate the following statistics:

- a) Mode
 - b) Mean
 - c) Median
 - d) Standard deviation and
 - e) Plot a boxplot
3. A lecturer wanted to know whether student usage of the school library had a positive significant relationship with students' academic performance. In order to do this, data was collected from 210 students showing their academic performance and whether they used the library for study or not. The table below shows the results.

Academic performance	Uses the library		Total
	No	Yes	
Passed	55	100	155
Failed	10	55	65
Total	65	155	220

Using Chi Square, test the Null Hypothesis that the two variables (Academic performance and Library use) are independent from each other. Use a significance level of 0.05. Find attached a Chi Square Critical Value Table for use in your calculations. [20]

SECTION B (ANSWER ANY TWO) 30 MARKS EACH

Answer ANY TWO questions from this section.

4. For each of the following sampling methods:
 - a. explain briefly how the method operates,
 - b. describe a realistic situation in which the method would be used, and
 - c. identify the advantages and disadvantages associated with the method.
 - i. Simple random sampling [6]
 - ii. Stratified sampling [6]
 - iii. Convenient sampling [6]
 - iv. Purposive sampling [6]
 - v. Snowball sampling [6]

5. Write brief notes on the following concepts in research:
 - a. Nominal scale [6]
 - b. Hypothesis [6]
 - c. Participant observation [6]
 - d. Sampling frame [6]
 - e. Plagiarism [6]

6. (i) Distinguish between open and close-ended questions, stating the advantages and disadvantages of each method of obtaining data in a survey. [10]

A librarian at an academic library wants to obtain views of patrons (library users) who have been using their reference services. He wants to ask about the following:

- a. The availability of library facilities, interacting with the library staff, and time taken to be served by library staff
- b. The efficiency of the reference service offered to patrons
- c. Any other comments the patrons may have

(ii) Justifying all your decisions, design a questionnaire that could be used for this purpose, and describe how you would administer this questionnaire. The questionnaire should not have more than fifteen questions. [20]

END OF EXAMINATION

Chi-square Distribution Table

d.f.	.995	.99	.975	.95	.9	.1	.05	.025	.01
1	0.00	0.00	0.00	0.00	0.02	2.71	3.84	5.02	6.63
2	0.01	0.02	0.05	0.10	0.21	4.61	5.99	7.38	9.21
3	0.07	0.11	0.22	0.35	0.58	6.25	7.81	9.35	11.34
4	0.21	0.30	0.48	0.71	1.06	7.78	9.49	11.14	13.28
5	0.41	0.55	0.83	1.15	1.61	9.24	11.07	12.83	15.09
6	0.68	0.87	1.24	1.64	2.20	10.64	12.59	14.45	16.81
7	0.99	1.24	1.69	2.17	2.83	12.02	14.07	16.01	18.48
8	1.34	1.65	2.18	2.73	3.49	13.36	15.51	17.53	20.09
9	1.73	2.09	2.70	3.33	4.17	14.68	16.92	19.02	21.67
10	2.16	2.56	3.25	3.94	4.87	15.99	18.31	20.48	23.21
11	2.60	3.05	3.82	4.57	5.58	17.28	19.68	21.92	24.72
12	3.07	3.57	4.40	5.23	6.30	18.55	21.03	23.34	26.22
13	3.57	4.11	5.01	5.89	7.04	19.81	22.36	24.74	27.69
14	4.07	4.66	5.63	6.57	7.79	21.06	23.68	26.12	29.14
15	4.60	5.23	6.26	7.26	8.55	22.31	25.00	27.49	30.58
16	5.14	5.81	6.91	7.96	9.31	23.54	26.30	28.85	32.00
17	5.70	6.41	7.56	8.67	10.09	24.77	27.59	30.19	33.41
18	6.26	7.01	8.23	9.39	10.86	25.99	28.87	31.53	34.81
19	6.84	7.63	8.91	10.12	11.65	27.20	30.14	32.85	36.19
20	7.43	8.26	9.59	10.85	12.44	28.41	31.41	34.17	37.57
22	8.64	9.54	10.98	12.34	14.04	30.81	33.92	36.78	40.29
24	9.89	10.86	12.40	13.85	15.66	33.20	36.42	39.36	42.98
26	11.16	12.20	13.84	15.38	17.29	35.56	38.89	41.92	45.64
28	12.46	13.56	15.31	16.93	18.94	37.92	41.34	44.46	48.28
30	13.79	14.95	16.79	18.49	20.60	40.26	43.77	46.98	50.89
32	15.13	16.36	18.29	20.07	22.27	42.58	46.19	49.48	53.49
34	16.50	17.79	19.81	21.66	23.95	44.90	48.60	51.97	56.06
38	19.29	20.69	22.88	24.88	27.34	49.51	53.38	56.90	61.16
42	22.14	23.65	26.00	28.14	30.77	54.09	58.12	61.78	66.21
46	25.04	26.66	29.16	31.44	34.22	58.64	62.83	66.62	71.20
50	27.99	29.71	32.36	34.76	37.69	63.17	67.50	71.42	76.15
55	31.73	33.57	36.40	38.96	42.06	68.80	73.31	77.38	82.29
60	35.53	37.48	40.48	43.19	46.46	74.40	79.08	83.30	88.38
65	39.38	41.44	44.60	47.45	50.88	79.97	84.82	89.18	94.42
70	43.28	45.44	48.76	51.74	55.33	85.53	90.53	95.02	100.43
75	47.21	49.48	52.94	56.05	59.79	91.06	96.22	100.84	106.39
80	51.17	53.54	57.15	60.39	64.28	96.58	101.88	106.63	112.33
85	55.17	57.63	61.39	64.75	68.78	102.08	107.52	112.39	118.24
90	59.20	61.75	65.65	69.13	73.29	107.57	113.15	118.14	124.12
95	63.25	65.90	69.92	73.52	77.82	113.04	118.75	123.86	129.97
100	67.33	70.06	74.22	77.93	82.36	118.50	124.34	129.56	135.81

THE UNIVERSITY OF ZAMBIA
SCHOOL OF EDUCATION

AUGUST/ SEPTEMBER 2016 EXAMINATIONS

LIS 3022 INDEXING AND ABSTRACTING

Instructions

Duration: 3 Hours

Read each question carefully before you start answering

Answer Question 1 in a separate Answer Script

Answer the other two questions in other Answer Script(s)

Thus this examination comprises three (3) Questions in total

SECTION A

Question 1. (Compulsory)

“The use of an indexing system during Indexing and Information Searching causes the Indexer and the Searcher to ‘speak the same language’ ”. Discuss [40 Marks]

Tip: this task assumes knowledge of the activities which are involved in each process.

SECTION B

Answer any two (2) Questions from this Section.

Question 2. Write short Notes (at least one half page) on the following:

(a) **Recall and Precision** are said to be **Inversely Related**. Explain what you understand by this statement. [10 Marks]

Tip You need to apply appropriate Boolean Operators in order to do this task

(b)

(i) Indicative Abstract: [10 Marks]

(ii) Slanted Abstract: [10 Marks]

Question 3. With appropriate examples explain any three (3) of the following: [10 Marks each]

(a) **USE and UF**

(b) **BT and NT**

(c) **RT and RT**

(d) **Scope Note**

Question 4. Write any five (5) homographs you are aware of and show how you **disambiguate** them by using parenthetical qualifiers for each [6 Marks each]

Question 5. Explain (*Short Notes*) how you prepare a **Back-of-the-book Index**) [30 Marks]

(Tip this task does not involve Conceptual analysis or Translation

END OF EXAMINATION END OF EXAMINATION END OF EXAMINATION

THE UNIVERSITY OF ZAMBIA

END OF YEAR EXAMINATIONS: AUGUST/SEPTEMBER, 2017

**LIS 4020: RECORDS MANAGEMENT AND ARCHIVES
ADMINISTRATION**

INSTRUCTIONS: ANSWER THREE (3) QUESTIONS.

TIME: THREE (3) HOURS

SECTION A (COMPULSORY) 40 MARKS

1. You have just been appointed as consultant for the University of Zambia. The University wishes to decentralize the management of their current records. Your task is to recommend to the Vice Chancellor the issues management needs to consider during the process of decentralization. Critically examine the issues you would consider salient in your recommendation.

SECTION B (ANSWER ANY TWO) 30 MARKS EACH

2. Identify and discuss the factors an Archivists should always apply when using the principle of *Respect de Fonds* during the process of arranging archives.
3. "Archives administration precedes records management". Critically examine the areas of interest by Archivists in the work done by Records Managers.
4. "Electronic records are said to be logical entities". Discuss the attributes electronic records should have as a logical entity.

END OF EXAMINATION

THE UNIVERSITY OF ZAMBIA

END OF YEAR EXAMINATIONS: MAY, 2017

LIS 5415: RECORDS AND ARCHIVES MANAGEMENT

INSTRUCTIONS: ANSWER THREE (3) QUESTIONS

TIME: THREE (3) HOURS

SECTION A (COMPULSORY) 40 MARKS

1. You have just been appointed as an Archivist for the Zambia National Broadcasting Corporation. In your first days in office, you discover that they do not have a system of managing photographs. Identify and discuss aspects that need to be taken into consideration when appraising photographs.

SECTION B (ANSWER ANY TWO) 30 MARKS EACH

2. Information technologies are considered by many to be 'the solution' to information management problems. Discuss.
3. The National Archives Act, Chapter 175 of the laws of Zambia is the Act which mandates the Director of The National Archives of Zambia to manage public archives. Discuss the importance of understanding legal issues in the management of records and archives in Zambia.
4. Critically analyze ANY TWO key principles that govern the care of records and archives.

END OF EXAMINATION