

UNIVERSITY OF SWAZILAND
Department of Computer Science

FINAL EXAMINATION, NOVEMBER, 2019

Title of Paper : Introduction to organising and retrieving information
Course Code : CSI105
Time allowed : Three (3) hours

INSTRUCTIONS TO CANDIDATE

This paper consist of 12 pages

Section A: Multiple Choice

1. Answer ALL questions.
2. All questions in this section carry equal marks.
3. Mark all your answers on the provided **Answer Sheet** at the end of the question paper using **INK** (answers marked in pencil will not be accepted).
4. Include your **ID NUMBER** and **PROGRAM** of study in the Answer Sheet.
5. When completed, insert your **Answer Sheet** in the provided **Examination Answer Folder**.

Section B

1. Answer any two questions in SECTION B
2. Write your answers in the **Examination Answer Folder** provided.

This examination paper should not be opened until permission has been granted by the invigilator

SECTION A

Answer ALL questions in this section.

Each question counts 2 marks.

Choose the most correct option.

Question 1

Which search engine specialises on scholarly peer-reviewed literature that is trustworthy for academic purposes?

- A. Google news (<http://news.google.com>)
- B. Picssearch (www.picsearch.com)
- C. yahoo (www.yahoo.com)
- D. Google scholar (<http://scholar.google.com>)

Question 2

Indicate the **incorrect** option:

Organization of information materials in a library is important because

- A. It enable easier access and effective retrieval of information materials.
- B. It saves the user's time.
- C. It serves as a bridge between the world of information creators and users of that information.
- D. It brings order and consistency in the library.

Question 3

I can expect to find geographical information in a/an...

- A. Directory
- B. Dictionary
- C. Atlas
- D. Encyclopaedia

Question 4

Which of the following criteria is useful to evaluate information on the WWW?

- A. Author's surname and initials
- B. Check for currency
- C. All acronyms are acceptable
- D. Advertisements contain relevant information

Question 5

Which step is **not** part of the information retrieval process?

- A. locating relevant sources
- B. selection of information
- C. compiling a list of sources
- D. browsing or filtering document collections

Question 6

If you type **behav*r** as your search term, so that your results includes documents on behaviour, behavior, etc.

Which of the following describes your search strategy?

- A. Searching for phrases
- B. Use of truncation
- C. Limiting results
- D. Use of wildcard

Question 7

You are required to compile a reference list (a bibliography). Using the list 1-6 below, identify one answer that demonstrate the correct sequence for a reference list (a bibliography).

1. Morgan, JC. Farrar, B and Owens, I. 2009. Documenting diversity among working LIS graduates. *Library Trends*, 58(2):192-214.
2. Shannon, DM. 2008. School librarianship: Career choice and recruitment. *Journal of Education for Library and Information Science*, 49(3):210-229.
3. Bird, E. 2012. Role Call. *School Library Journal*, July: 18-22.

4. McInroy, M. 1990. Regrets I've had but few - since I left librarianship. *Australian Academic & Research Libraries*, 21(1):23-32.
5. Shannon, DM. 2009. Principals' perspectives of school librarians. *School Libraries Worldwide*, 15(2):1-22.
6. Bishop, K and Janczak, S. 2007. *Recruiting the next generation of school*. Boston: Pearson.

- A. 3,6,4,1,2,5
- B. 6,3,4,1,5,2
- C. 3,6,4,1,5,2
- D. 6,3,2,5,4,1

Question 8

Indicate the incorrect option:

An information retrieval system:

- A. Stores and manages documents
- B. Assists users to share information
- C. Search the information
- D. Get the user queries

Question 9

A bibliography is.....

- A. a list of countries
- B. a list of information sources
- C. an index of subjects
- D. someone's life story

Question 10

The Dewey Decimal System (DDC) divides knowledge:

- A. chronologically
- B. numerically
- C. by subject
- D. call number

Question 11

Google is:

- A. an online catalogue
- B. an internet search engine
- C. a world wide web
- D. a research database

Question 12

You are searching for information on the following banks: Eswatini Bank, FNB and Nedbank. What would you type into a database search to find the longest list of relevant sources for your topic?

- A. Eswatini Bank OR Nedbank OR FNB
- B. Eswatini Bank AND Nedbank AND FNB
- C. Eswatini Bank NOT Nedbank NOT FNB
- D. Eswatini Bank - Nedbank - FNB

Question 13

The OPAC at the UNESWA Library is a/an....

- A. System for organising information sources according to control knowledge
- B. System designed by Dewey to control knowledge
- C. Interlibrary loan system
- D. Online system (catalogue) for finding information sources in a specific library

Question 14

You are required to locate peer reviewed articles on a topic that was assigned to you. Where would you find that information?

- A. Monograph
- B. Atlas
- C. Dictionary
- D. Journal

Question 15

Use the following Dewey call numbers to answer this question

1. 670.7302 MOR
2. 671 LANS
3. 671.35 SCH
4. 677 STI

A book with the call number 671.33 ROS would be placed:

- A. Between 1 and 2
- B. Between 2 and 3
- C. Between 3 and 4
- D. Between 4 and 1

Question 16

Organising your personal information on electronic devices involves the creation of...

- A. organograms
- B. folders and subfolders
- C. cloud computing
- D. Journal

Question 17

Indicate the incorrect option:

A bibliographic record contains the following entries:

- A. Call number
- B. Author(s) and title
- C. Subjects
- D. Order number

Question 18

Which Boolean operator(s) is used to narrow a search?

- A. OR
- B. NOT
- C. AND, NOT
- D. OR, AND

Question 19

OPAC is a/an

- A. Open Access Classification
- B. Online Programming Course
- C. Online Public Access Catalogue
- D. Open Public Access Classification

Question 20

Which citation is correct for a journal?

- A. Bawden, D. & Robinson, L. 2016. Information and gaining of understanding. *Journal of Information Science*, 42(2):394-299.
- B. Bawden, D. & Robinson, L. 2016. www.journal.of.information.science (Accessed 18 November 2018)
- C. *Journal of Information Science*, 42(2):394-299. Authored by Bawden, D. & Robinson, L. 2016.
- D. Bawden, D. & Robinson, L. 2016. *Information and gaining of understanding*. London: Academic Press

Question 21

Which one of the following is one of the advantages of the Boolean Information Retrieval Model?

- A. It ranks retrieved documents according to how relevant they are to user's query.
- B. It is easy to implement and it is computationally efficient.
- C. It brings order and consistency
- D. It takes up very little storage space.

Question 22

Indicate the incorrect option:

Information is one of vital resources in the information era. Information is used for.....

- A. Problem solving
- B. Reading well
- C. Decision making
- D. Reducing uncertainty

Question 23-26

Select the correct option from A-D for question 23-26

- A. Book catalogue
- B. Microform catalogue
- C. Card catalogue
- D. OPAC

Question 23

..... is where bibliographic records are inputted and stored in a computer and can be retrieved when needed.

Question 24

.....were popular for small, specialized collections that did not change much by additions or deletions.

Question 25

As the collection grows, so does the catalogue, taking up space which could be used to house more information materials.

Question 26

.....are now in most cases primarily used as a backup when an on-line system goes down.

Question 27

The ability to work with information in order to solve problems is called.....

- A. personal skills
- B. organising skills
- C. information skills
- D. information overload

Question 28

Which of the following describes the purpose of using truncation when searching the internet or searching databases?

- A. to search for phrases
- B. to combine search terms
- C. to search for words with different British and American spellings and truncation replaces characters in the middle of the word.
- D. to identify all forms of the word and truncation allows one to specify the word stem

Question 29

Which is the correct order of call numbers (as they would be found on the shelf in a library)?

- A. 324 42 MAN, 324 422 MAM, 324 042 ZEB
- B. 324 042 ZEB, 324 42 MAN, 324 422 MAM
- C. 324 422 MAM, 324 042 ZEB, 324 42 MAN
- D. 324 422 MAM, 324 42 MAN, 324 042 ZEB

Question 30

Which type of reference source will you use to answer the following query? What is the Swahili word for the term 'education'?

- A. general language dictionary
- B. translating dictionary
- C. subject dictionary
- D. thesaurus

SUB TOTAL: [30 X 2 = 60]

SECTION B

Answer ANY TWO questions in this section.

Question 31

Define the following: [2 marks each]

a) Information retrieval

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b) Multimedia information record

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c) Encyclopaedia

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a) Relevant documents

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b) Indexing

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c) In-house information retrieval system

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d) Call number

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e) Cataloguing

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f) Subject analysis

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.....

g) Classification

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.....

Question 32

- a) What are the advantages and disadvantages of the Boolean Information Retrieval model [12 marks].
- b) In what way does an 'exact match system' differ from a 'best match system'? [6 marks]

Question 33

- a) Define a library catalogue. [4 marks]
- b) Briefly discuss three functions of a library catalogue? [6 marks]
- c) What are the advantages and disadvantages of microform catalogues? [10 marks]

SUB TOTAL: 40


TOTAL: 100

.....**END OF EXAMINATION PAPER**.....

SECTION A- Answer Sheet for CSI 105 (2019/2020)

ID NUMBER: _____ PROGRAM: _____ DATE: _____

Instructions

1. Make a big cross  in the appropriate box.
2. When completed, please insert this Answer Sheet into the Examination Answer Folder.

	A	B	C	D
Question 1				
Question 2				
Question 3				
Question 4				
Question 5				
Question 6				
Question 7				
Question 8				
Question 9				
Question 10				
Question 11				
Question 12				
Question 13				
Question 14				
Question 15				
Question 16				
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Question 28				
Question 29				
Question 30				