

**UNIVERSITY OF ESWATINI**  
**Department of Computer Science**

**FINAL EXAMINATION, FEBRUARY, 2021**

**Title of Paper** : Introduction to organising and retrieving information  
**Course Code** : CS1105  
**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 Boolean operator(s) is used to narrow a search?

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

### Question 2

Indicate the incorrect option:

An information retrieval system:

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

### Question 3 - 6

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

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

### Question 3

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

#### Question 4

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

#### Question 5

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

#### Question 6

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

#### Question 7

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

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

#### Question 8

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

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

#### Question 9

A bibliography is.....

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

### Question 10

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

### Question 11

Indicate the incorrect option:

Organization of information materials in a library is important because .....

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

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

### Question 13

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

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

### Question 14

The Dewey Decimal System (DDC) divides knowledge:

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

### Question 15

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

### Question 16

Indicate the incorrect option:

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

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

### Question 17

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 18

Which step is not part of the information retrieval process?

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

### Question 19

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. Dictionary
- C. Journal
- D. Atlas

### Question 20

Google is:

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

### Question 21

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

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

### Question 22

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 23

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

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

### Question 24

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. subject dictionary
- C. translating dictionary
- D. thesaurus

### Question 25

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 26

Which citation is correct for a journal?

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

### Question 27

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

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

### Question 28

OPAC is a/an

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



### Question 29

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

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

### Question 30

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

SUB TOTAL: [30 X 2 = 60]

## SECTION B

Answer ANY TWO questions in this section.

### Question 31

Define the following: [2 marks each]

a) Query formulation process

.....  
.....

b) Multimedia information record

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c) Encyclopaedia

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.....

d) Relevant documents

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.....

e) Exact match system

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.....

f) In-house information retrieval system

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.....

g) Call number

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.....

h) Database

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.....

i) Personal information management

.....  
.....

j) Classification

.....  
.....

**Question 32**

- a) Define a library catalogue. [ 4 marks]
  
- b) Describe the four types of library catalogues [16 marks]

**Question 33**

- a) What are information retrieval systems? [4 marks]
  
- b) Write notes on the functions of information retrieval systems [6 marks]
  
- c) What criteria would you use to evaluate information resources you find on the World Wide Web [10 marks]


**SUB TOTAL: 40**

**TOTAL: 100**

## 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				
Question 17				
Question 18				
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Question 28				
Question 29				
Question 30				