



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMPUTING AND INFORMATICS  
DEPARTMENT OF INFORMATICS**

<b>QUALIFICATION : BACHELOR OF LOGISTICS</b>	
<b>QUALIFICATION CODE: 07BLSM</b>	<b>LEVEL: 6</b>
<b>COURSE: IT IN LOGISTICS</b>	<b>COURSE CODE: ITL611S</b>
<b>DATE: JULY 2019</b>	<b>PAPER: THEORY</b>
<b>DURATION: 3 hours</b>	<b>MARKS: 100%</b>

<b>SECOND OPPORTUNITY SUPPLEMENTARY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	<b>DR JUDE OSAKWE</b>
	<b>DR EDMORE CHIKOHORA</b>
<b>MODERATOR:</b>	<b>MR MTHEMBO</b>

**THIS EXAMINATION PAPER CONSISTS OF 5 PAGES**

(Excluding this front page)

**Section A: Multiple Choice Questions (Total: 15 Marks)**

(Each question carries 1 mark)

1. \_\_\_\_\_ are streams of raw facts
  - a) Data
  - b) Information
  - c) Input
  
2. \_\_\_\_\_ provides platform that system is built on
  - a) IT desktops.
  - b) IT consumables.
  - c) IT infrastructure.
  
3. \_\_\_\_\_ transfers processed information to people or activities that use it
  - a) Output.
  - b) Processing.
  - c) Input
  
4. Set of physical devices and software required to operate enterprise
  - a. Hardware
  - b. IT infrastructure
  - c. Information Technology
  
5. Contracting outside firms to develop software is called.....
  - a. Vending
  - b. Out sourcing
  - c. Marketing
  
6. One of the major Supply Chain Planning (SCP) Players is.....
  - a. Database
  - b. Oracle
  - c. ERP
  
7. What is the full meaning of RFID?
  - a. Radio Foundation Identification
  - b. Radio Frequency Identification
  - c. Radio Frequency Identifier
  
8. One basic type of SCM system software is:
  - a. Supply Chain Planning software
  - b. Enterprise Recourse planning software
  - c. Customer relationship management System

9. .... developed by Microsoft, is a proprietary mobile operating system that runs on some smartphones
  - a. Android
  - b. Windows Phone
  - c. iphone
10. .... is generic term for technologies which use RF waves to identify, track or categorize any object.
  - a. Identifier
  - b. RFID
  - c. EDI
11. .... connects multiple storage devices on dedicated network
  - a. Storage area network
  - b. Storage devices
  - c. Memory
12. .... track the quantity of each item a company maintains, triggering an order of additional stock when the quantities fall below a pre-determined amount.
  - a. Information systems.
  - b. Inventory systems
  - c. Information technology
13. The .....system ensures that each time an item is sold, one of that item is removed from the inventory count, creating a closed information loop between all departments.
  - a, Supply chain
  - b. POS
  - c. Information
14. ....describes how company produces, delivers, and sells product or service to create wealth
  - a. Business model
  - b. Marketing model
  - c. Software model
15. A Set of interrelated components is called .....
  - a. Information system:
  - b. Data System
  - c. Business model

**Section A: Multiple Choice Questions (Total: 15 Marks)**

(Each question carries 1 mark)

1. One of the importance of Information Technology on Logistics is increased intelligence.

  

2. One of the disadvantages of Web EDI low speed.

  

3. In RFID, The higher the frequency, the higher the data transfer rate.

  

4. One good example of IT infrastructure is ERP.

  

5. A good Example of competitive forces model for IT infrastructure investment is software services.

  

6. In RFID Line of sight is not required

  

7. Enterprise resource planning is an integrative system.

  

8. In order to understand how a specific business firm uses information systems, you need to know something about the hierarchy and culture of the company.

  

9. The ultimate goal of a business ERP system is complete optimization of internal business processes.

  

10. When using RFID only physical contact is required.

11. Improvement of efficiency to attain higher profitability is one of the characteristics of Operational excellence.


12. Intimacy with suppliers allows them to provide vital inputs, which lowers costs.


13. Information system do not support decision making, coordination, and control.


14. One of the main actor of Management information system is Suppliers of hardware


15. Input is one of the three activities of information systems


**Section C. This section carries 70 marks. Answer all question**

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*When marking be guided by, the marks allocated for each question. Student answers may vary however use your discretion if facts are correct*

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**Question 1**

**[Total 22 Marks]**

- a. i. Briefly explain the Supply Chain Management Systems (SCM) **(3 Marks)**
- ii. Discuss the following terms.
  - a. Supply Chain Planning software (SCP). **(2 Marks)**
  - b. Supply Chain Execution software (SCE). **(2 Marks)**
  - c. Internet-based Software. **(2 Marks)**
  - d. Material Requirements Planning (MRP). **(2 Marks)**
- b. Describe the competitive forces model for IT infrastructure investment **(5 Marks)**
- c. Briefly outline the three phases of Customer relationship Management **(6 Marks)**



**Question 2****[Total 12 Marks]**

- a. i. Write a short note on the operating system **(4 Marks)**
- ii. Briefly explain the following
  - a. A performance monitor **(2 Marks)**
  - b. Automatic update **(2 Marks)**
  - c. A user interface (UI) **(2 Marks)**
  - d. A user account **(2 Marks)**

**Question 3****[Total 18 Marks]**

- a. State five importance of EDI. **(5 Marks)**
- b. Briefly discuss how the activities of EDI are carried out. **(5 Marks)**
- c. Outline the benefits of supply chain visibility System to organizations **(8 marks)**

**Question 4****[Total 18 Marks]**

- a. There are various sources software can be acquired by organization. Two out of these are Software out sourcing and Cloud based software services. Briefly discuss how organization acquire software from these two external sources. **(11 Marks)**
- b. Outline the characteristics of Software as a Service **(7 marks)**

**THE END**