



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Faculty of Management

Department of Management

QUALIFICATION: Bachelor of Business and Information Administration	
QUALIFICATION CODE: 07BBIA	LEVEL: 6
COURSE: Business Information Systems 2B	COURSE CODE: BIS621S
DATE: January 2020	SESSION: 1
DURATION: 2 Hours	MARKS: 100

SUPPLEMENTARY/SECOND OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mr G Kaisara
MODERATOR:	Ms S du Plessis

INSTRUCTIONS
<ol style="list-style-type: none">1. You have to answer all questions.2. Read all the questions carefully before answering.3. Please number your answers clearly.4. Make sure your student number appears on the answering script.

PERMISSIBLE MATERIALS

1. Blue/black pen and a ruler.

THIS QUESTION PAPER CONSISTS OF 4 PAGES
(Including this front page)

Question 1

[10 Marks]

Multiple Choice Questions – Choose the most appropriate option.

- 1.1 This concept argues that internet users should have equal access to all websites.
- a) Net neutrality
 - b) Bookmark
 - c) Trademark
 - d) A and C
- 1.2 Two or more computing devices that can allow NUST to transact better with its partners;
- a) Peripheral Systems
 - b) Network
 - c) Databases
 - d) Interorganisational system
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- 1.3 When an organization is licenced to put its name on an already manufactured product
- a) White labelling
 - b) Drop-shipping
 - c) Collaboration
 - d) Privatisation
- 1.4 This refers to the physical or logical layout of a system.
- a) Network topology
 - b) Synchronous System
 - c) TCP/IP
 - d) Net etiquette
- 1.5 This is made up of a number of entities, which have a common agenda
- a) Peripheral device
 - b) Node
 - c) Electronic device
 - d) Information System
- 1.6 Which of these is the odd one out?
- a) Twitter
 - b) Facebook
 - c) Google
 - d) Instagram
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- 1.7 It allows for technologies to generate, share and connect content through search and analysis based on the ability to understand the meaning of words, rather than on keywords or numbers.
- a) Semantic Web
 - b) Static Web
 - c) Web logic
 - d) Data mining
- 1.8 A network that covers Windhoek to Rehoboth is...
- a) LAN
 - b) MAN
 - c) WAN
 - d) Wireless
- 1.9 What type of network is likely to be found in Lab A
- a) Client Based Networks
 - b) Server Based Networks
 - c) Peer to peer Networks
 - d) None of the above.
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- 1.10. Tactical information is required by...
- a) Low level manager
 - b) Middle level managers
 - c) Top level managers
 - d) Everyone in the organisation

Question 2

[61 Marks]

- 2.1 Discuss five forms of e-commerce. [10]
- 2.2 Draw and label Porter's 5 value chain model. [12]
- 2.3 Working with sensitive information is part of an Administrative Assistant's role. Give and discuss two ways in which sensitive information may be protected. [4]
- 2.4 Explain the concept of Business Intelligence, and advise on two benefits that Air Namibia could gain from using it. [6]
- 2.5 Draft a diagram that shows the three common levels of a modern organization. Label each level, and list one common information system found at each level. [6]
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- 2.6 Discuss the meaning of functional area information systems (FAIS), one disadvantage that arise due to their use, and the solution to such a problem. [6]
- 2.7 What are some of the challenges facing e-commerce in Namibia? Name and explain three challenges. [6]
- 2.8 List any three types of virtual communities online. [3]
- 2.9 What does the acronym TCP/IP stand for? [2]
- 2.10 When implementing an Information System, a manager has three broad approaches to choose from. Briefly discuss the three system implementation strategies. [6]

Question 3

[29 Marks]

- 3.1 Discuss any three disadvantages of batch processing. [6]
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- 3.2 Students sometimes use information from blogs for research. Discuss three risks of relying on blogs. [6]
- 3.3 Differentiate Web 1.0, Web 2.0, and Web 3.0. [6]
- 3.4 Compare and contrast line topology and star topology. Give one advantage and one disadvantage of each. [8]
- 3.5 List any three ways Soft as a Service may help you as a student. [3]