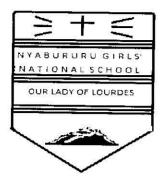
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COMPUTER STUDIES FORM 3 CAT I TERM I 2016 TIME: 2 HOURS

## **INSTRUCTIONS**

- Write your Name, Adm. No., Class in the spaces provided.
- Answer all questions in the spaces provided.
- Write your name and admission number
- ❖ Answer all questions in section A and question 16 is compulsory
- ❖ Answer any 4 questions in section B.

	a) Define the following terms as used in computer studies.  i) Central processing unit	(3 Mks)
	ii) Computer laboratory	
	······································	
(	iii) Bus	
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	rive the importance of backing up data.	(2 Mks)

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<ul><li>3. Describe the following types of monitors.</li><li>(a) Catrhode Ray Tube</li></ul>	(6 Mks
(b) Liquid crystal display	
(c) Gas plasma	
<ul><li>4. Briefly explain the following types of memory.</li><li>(a) Mask ROM</li></ul>	(3 Mks)
(b) Buffer	
(c) Registers	
	en
<ol> <li>Differentiate between the following terms as used in computer studies.</li> <li>Table and Query</li> </ol>	(6 Mks)
(b) Entity and Attribute	
c) Insert table and importing table	

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6. Give three advantages of computerized filling.	(3 Mks)
7. Differentiate between merging cells and splitting cells.	(2 Mks)
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8. (a) Define the term computer virus.	(1 Mk)
(b) State one characteristic of a computer that has a virus.	(1 Mk)
9. Define the term peripheral devices.	(2 Mks)
10. Differentiate between optical mark recognition and optical character recognition.	(2 Mks)
	Hidro conneces
11. Give out three reasons why magnetic ink character recognition are too popular in lindustry for cheques.	(2 Mks)
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12. State the two types of plotters.	(2 Mks)
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<ul><li>13. You are provided with USB, parallel and serial cables. Which of the cables p be used to;</li><li>(a) Support variety of peripheral devices.</li></ul>	(6 Mks)
(b) Transmit data in a short distance.	
	64
(c) Transmit data in a long distance.	
14. What is a file extension.	
15. What is a desktop.	(1 Mk)
SECTION B.  Answer Question 16 compulsory and any other 4 questions in this section)  16. (a) Using an illustration. State three components of MS Excel function.	(3 Mks)
= Sum (B2:B8)	
(b) Define the term reference as used in spreadsheet.	(2 Mks)

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(c) Explain five types of cell referencing.	(5 Mks)
5 25 2	
(d) Write the following formula as absolute.	(1 Mk)
G 12 + H 13	
**************************************	
(e) the formula = $(A 2 + B 2) x & C3$ is entered in cell D2 and then copied in cell F5. it be in cell F 5.	What will (2 Mks)
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(f) What is the meaning of the term Global as far as worksheet is concerned.	(2 Mks)
17. (a) What is a relationship in database.	(2 Mks)
74 to 1	
(b) State three different types of relationships recognized among various data stored in database.	
	(3 Mks)

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(c) (i) What is a database model.	(2 Mks)
(ii) Describe four types of database models.	
	(4 Mks)
18. (a) Define the term desktop publisher.	(1 Mk)
(b) Give three purpose of desktop publishing softwares.	(3 Mks)
(c) Define the following terms as used in DTP.	(6 Mks)
(i) Printable area	
	DAM BUTTAN DAM SULD
(ii) Paste board	
(iii) Tracking	

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(iv) Kerning	
(v) Margin guide	
(vi) Column guide	
(d) (i) What is a master page.	(2 Mks)
(ii) Explain three importance of a master page.	(3 Mks)
19. (a) Explain the following e-mail address parts.	(4 Mks)
Nyabururugirls@g.mail.com.	
(b) (i) Define the term search engine.	(2 Mks)

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(ii) Give two examples of search engines.	(2 Mks)
<ul><li>(c) Differentiate between the following terms.</li><li>(i) Downloading and uploading</li></ul>	(3 Mks)
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(ii) Internet and network	
	6 8 G
(iii) Log in and sign up	
······································	
(d) Explain how telephone lines are used to send e-mails.	(4 Mks)
20. (a) Define the term virus.	(1 Mk)
b) Explain any four types of computer viruses.	(4 Mks)
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(c) Discuss four features of a computer virus.	(4 Mks)
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(d) Elaborate any four sources of a computer virus.	(4 Mks)
(e) Explain any four control measures against viruses.	(2 Mks)
5	***************************************