**Name………………………………….......................................................................Adm. no.………………..………………………..**

**Class........................................ Subject Teacher ………………………………………….Signature…………………………………..**

**SUNSHINE SECONDARY SCHOOL**

**FORM 2 TERM 3 END YEAR EXAM 2015**

**TIME: 2 HOURS**

**INSTRUCTIONS**

***1. ANSWER ALL QUESTIONS IN THE SPACES PROVIDED***

***2. DO NOT LEAVE ANY BLANK SPACES***

1. State **two** peripheral devices connected to a computer via PS/2 (1mk)

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2. Explain the uses of the following in desktop publishing.

i) Master page (1mk)

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ii) Tracking (lmk)

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3. State one function of each of the following terms. (3mks)

i) Buffer

………………………………………………………………………………………………………………………………………………………………………………………………………………

ii) An accumulator

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iii) Cache memory

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4. List **two** signs of a computer system invaded by a virus (lmk) ………………………………………………………………………………………………………………………………………………………………………………………………………………

5. Differentiate between Save and Save As as used in most windows applications (2mks)

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6. (a) What is a tool bar? (lmk)

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(b) List two tool bars available in a word processing window. (lmk)

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(c). Differentiate between Save and Save As as used in most windows applications (2mks)

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7. Mention four things that are likely to cause eye - strain in the computer room. (2mks)

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8. Identify two factors you would consider when choosing an operating system for use in a computer. (2mks)

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9. List four methods of detection and protection of computers and information againstcomputer crimes. (2mrks)

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10. (a) Distinguish between data and information (1mrk)

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(b) Explain five features of good information (5mrks)

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11. You have been asked to change your password.State a precaution you need to take in order to avoid each of the following. (2mks)

a) Piracy

………………………………………….……………………………………………………………………………………………..………………………………………….………………………….

………………………………………………………………………………………………………

b) Forgetting the password

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12. (a) Define the following terms as used in spreadsheet. (4mks)

1. Absolute referencing

………………………………………….……………………..………………………………………………………………………..………………………………………….……………………………

ii. Value

………………………………………….……………………………………………………………………………………………………………………………………………………………….…..

iii. Worksheet

………………………………………….…………………………………………………………………………………………………………………………………………….………………………

iv. Workbook

………………………………………….……………………………………………………………………………………………………………………………………………….……………………

(b) State 5 advantages of using electronic spreadsheet over manual spreadsheets (5mks)

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13. a) **Define** the term operating system (1mk)

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b) Describe **any four** functions of the operating system (4mks)

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c) Explain**three** classifications of operating systems giving two examples in each class (6mks)

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d) Highlight any four differences between Windows operating system and Disk Operating (4mks)

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14. The information below is a spreadsheet maintained by Jessica Fruit store. Study it and answer the questions that follow:

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| --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** |
| **1** | **PRODUCT NUMBER** | **PRODUCT NAME** | **QTY IN STOCK (KG)** | **VALUE PER UNIT (KSH)** |
| 2 | 001 | Peach | 1000 | 200 |
| 3 | 002 | Oranges | 1200 | 200 |
| 4 | 003 | Mangoes | 1300 | 100 |
| 5 | 004 | Tomatoes | 1200 | 140 |
| 6 | 005 | Cabbages | 1500 | 25 |

1. Write a function to find;
   1. Total quantity in stock (2mrks)
   2. Average quantity in stock (2mrks)
   3. The product with the lowest quantity in stock (2mrks)
   4. Count the products whose value per unit are above 100(KSH) (3mrks)
   5. Assuming a tax rate of 1.1% is imposed on the product value. The tax rate is stored in cell C10; write a formula in cell F2 to calculate tax per item. (3mrks)

15. Given the data below name and explain the roles of the parts labeled A, B and C (6mrks)

computerstudents@cloudstars.co.ke

A

B

C

………………………………………….……………………………………………………………………………………………..………………………………………….……………………………………………………………………………………………..………………………………………………………………………………….……………………………………………………………………………………………..………………………………………….……………………………………………………………………………………………..………………………………………………………………………………….……………………………………………………………………………………………..………………………………………….……………………………………………………………………………………………..

16. State the functions of the following protocols; (2mrks)

(a) FTP

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(b) TCP/IP

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17. (a)What is meant by World Wide Web? (2mrks)

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(b) Explain the difference between intranet and internet? (2mrks)

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