**GATITU SECONDARY SCHOOL**

**COMPUTER STUDIES ~ 2015 ~ END TERM EXAMS ~ TERM 1 ~ F1**

ADM: …………………. NAME: ………………………………………….……………..……………………………………………………….CLASS: ……..…

1. Describe an input device =1mk

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1. Other than scanning devices, name two other input devices =2mk

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1. Differentiate between optical and magnetic scanning techniques used for input and give two examples in each case =2mk

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1.
2. What is a peripheral device? =1mk

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1. List two examples of peripheral devices =2mks

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1. The type of scanner used to grade multiple choice examinations is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ =1mk
2. Differentiate between a computer and a computer system =2mk

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1.
2. How many buttons exist on top of a standard mouse \_\_\_\_\_\_\_\_\_\_\_ =1mk
3. Which button of the mouse runs a command when pressed\_\_\_\_\_\_\_\_ =1mk

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1. Match the following keys on the keyboard with corresponding categories =5mks

|  |  |
| --- | --- |
| **Keys** | **category** |
| 1. Alt, ctrl
 | Dead keys |
| 1. A-z, ?, ‘, [
 | Numeric keypad keys |
| 1. 0-9, +, -
 | Special PC operation keys |
| 1. End, Arrow keys
 | Functional keys |
| 1. Num lock, caps lock
 | Alphanumeric keys |
| 1. F1, F2, ………. F12
 | Cursor movement and editing keys |

1. Describe the **three** functions of a computer =3mks

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1. State the **three** uses of a UPS (uninterruptible power supply) =3mks

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1. Describe **three** precautions in each of the following categories that can be practiced in the computer lab to:
2. Protect computer users =3mks

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1. Protect computers =3mks

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1. Give a reason why computers should be shut down with the correct procedure?\_\_\_\_\_\_ =2mks

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1. Distinguish between cold booting and warm booting =2mks

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1. State **five** areas where computers are used and how they are used =10mks

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1. History of computers explains that electronic computers evolution is basically drawn from technology advancements of processing and storage devices. **Match** the following advancements with the corresponding computer age =4mks

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| --- | --- |
| **Computer Age** | **Technology Advancements** |
| 1. First generation computers
 | Very large scale integrated (VLSI) |
| 1. Fourth generation computers
 | Integrated Circuit (IC) |
| 1. Second generation computers
 | Transistors  |
| 1. Third generation computers
 | Vacuum tubes/ thermionic valves |

1. Draw an **Abacus** to represent the following number: **4586**  =2mks
2. Is the signal below **analogue or digital**? \_\_\_\_\_\_\_\_\_ =1mk