**COMPETENCE BASED CURRICULUM**

**JUNIOR SCHOOL**

**FORMATIVE ASSEESMENT**

 **GRADE 8**

**COMPUTER STUDIES**

 **2 HOURS**

***SCHOOL:*** *……………………………………………………………………………..……*

***NAME:*** *……………………………………………………..……………………..………..*

***ASSESSMENT NO:*** *……………….……….* ***SIGN:*** *…....****DATE:*** *………..….*

 *RUBRICS (for official use)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Mark Score Range* | *Below 40* | *40-59* | *60-79* | *80-100* |
| PERFORMANCE LEVEL | *Below expectation* | *Approaching expectations* | *Meeting expectations*  | *Exceeding expectations* |



**FOR EXAMINERS**

**INSTRUCTIONS TO CANDIDATES**

1. Answer all the questions in the spaces provided.
2. Ensure your work is neat.

###  QUESTIONS

##### **Clearly define a computer. (2 mks)**

##### …………………………………………………………………………………………………………………………………………………………………………………………….

##### **Give one reason why a computer is referred to as an electronic device (1 mk)**

##### ……………………………………………………………………………………………………………………………………………………………………………………

##### **Explain the following terms as used in computer science. (4 mks)**

##### **(i) Data**

##### ……………………………………………………………………………………………………

##### **(ii) Program**

##### …………………………………………………………………………………………………..

##### **(iii) Data processing**

##### ………………………………………………………………………………………………..

#####  **(iv) Information**

##### ………………………………………………………………………………………………..

##### Identify the following computer components. (3 mks)

##### showing a mousekeyboardshowing a computer monitor

##### **Identify the following components contained in a computer case. ( 6mks)**

##### Inside the Case | Absolute Beginners Guide to Upgrading and Fixing Your PC

##### `

##### **What are the functions of the motherboard. (3 mks)**

##### ……………………………………………………………………………………

##### ………………………………………………..………………………………….

##### …………………………………………………………..…………………..…

##### Name three buses of computer system. (3 mks)

##### ………………………………………………………

##### ………………………………………………………

##### ……………………………………………………..

##### State any three functions of a computer. (3 mks)

##### ………………………………………………………………………………….

##### …………………………………………………………………………………..

##### …………………………………………………………………………………..

##### Explain the following input/ output terms as used in computer systems. Give an example for each. (2mks)

##### **(a) Read -** ……………………………………………..………………………………..

#####  **(b) Write -** ……………………………………………………………………………….

##### State four different parts that make up a computer (2 mks)

##### ………………………………………….…….

##### …………………………………………………

##### ………………………………….……………

##### ………..……………………………………….

#####  (a) Explain the term system Unit. (2 mks)

##### …………………………………………………………………………………………

##### (b) List four devices located under the cover of the system unit. (4 mks)

##### ………………………………………………………

##### ………………………………………………………

##### ………………………………………………………

##### ……………………………………………………..

##### Give two differences between tower – style and desktop system units. (4 mks)

##### …………………………………………………………………………………………………………………………………………………………………………………………………….

##### …………………………………………………………………………………………………………………………………………………………………………………………………..

##### Computers have evolved through a number of generations. List any 4 characteristics of the first generation of computers.(4 mks)

##### ……………………………………………………………..……………………..

##### …………………………………………………………………………………….

##### …………………………………………………………………………………….

##### …………………………………………………………………………………….

##### Briefly explain the classification of computer according to historical development (generations)(4 mks)

##### **First generation computers**

#####

##### ………………………………………………………….

##### …………………………………………………………

##### …………………………………………………………

##### ………………………………………………………………

##### **Second generation computers. (4 mks)**

##### ………………………………………………………………………..

##### .............................................................................................................

##### ………………………………………………………………………

##### State four factors used to classify computers. (4 mks)

##### ………………………………………………………………….

##### ………………………………………………………………….

##### …………………………………………………………………

##### …………………………………………………………………..

##### State the differences between desktop computers and laptop computers. (3 mks)

##### ……………………………………………………………………………………………..

##### ………………………………………………………………………………………………

##### ……………………………………………………………………………..………………..

#####  (a) Explain the emerging trends in microcomputer technology in relation to size. (1 mk)

##### …………………………………………………………………………………………………

##### (b) Give two reasons why smaller computers like Laptops tend to be more expensive than Desktop computers. (3 mks)

##### …………………………………………………………………………..

##### …………………………………………………………………………….

##### …………………………………………………………………………..

##### Which category of computers would you place an N- series Nokia phone. (1mk)

##### ……………………………………………………..

#####  Give three reasons why a mobile phone is regarded to be a computer. (3 mks)

##### …………………………………………………………………

##### …………………………………………………………………

##### …………………………………………………………………

* + 1. What are some of the most significant consequences of fire?(3mks)
1. …………………………………………………………………………………………..
2. ……………………………………………………………………………………………
3. …………………………………………………………………………………………..
	* 1. **Identify good management practice when dealing with electricity(3mks)**
4. …………………………………………………………………………………………….
5. …………………………………………………………………………………………….
6. ……………………………………………………………………………………………
	* 1. State what not to do with electricity to ensure safety(3mks)
7. ……………………………………………………………………………………………...
8. ………………………………………………………………………………………………
9. ………………………………………………………………………………………………
	* 1. Identify the following tools used when working(3mks)

# Description: safety Description: feet protection

* + 1. Name examples of Hazards to personal safety. (3mks)
1. ………………………………………………………………………………………
2. ……………………………………………………………………………………….
3. ……………………………………………………………………………………….
	* 1. What are Some of the ways used to handle tools and equipment safely while performing tasks in the locality?(3mks)
4. ……………………………………………………………………………………………………………………….
5. ……………………………………………………………………………………………………………………….
6. ……………………………………………………………………………………………………………………….
	* 1. What are Some of the common types of injuries that occurs in the locality ?(3mks)
7. ………………………………………
8. ……………………………………….
9. ………………………………………
	* 1. What are the Causes of injuries in the locality?3 mks)
10. ……………………………………………………………………………………………………………….
11. ………………………………………………………………………………………………………………..
12. ………………………………………………………………………………………………………………..

##### Devices can be used when setting up personal goals easily.

1. *……………………………………………………*
2. *…………………………………………………..*
3. *……………………………………………………*

#### State three differences between talent and ability.

|  |  |
| --- | --- |
| **TALENT** | **ABILITY** |
|  |  |
|  |  |
|  |  |

#### What are the Differences between Needs and Wants?

|  |  |
| --- | --- |
| **NEEDS** | **WANTS** |
|  |  |
|  |  |

* + 1. **Define the following terms**
	1. **Scarcity**

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

#### Opportunity cost.

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

#### Choice.

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

#### Scale of preference.

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

#### State and explain three Categories of Business Activities.

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

* + 1. **Outline four Types of large-scale retail outlets**
1. ***…………………………………………………..***
2. ***…………………………………………………..***
3. ***………………………………………………….***
4. ***………………………………………………….***
	* 1. **State the Importance of Studying Business studies in schools**
5. *………………………………………………………………………………………………….*
6. *…………………………………………………………………………………………………..*
7. *…………………………………………………………………………………………………..*

#### State the meaning of the Components of Business

|  |  |  |
| --- | --- | --- |
|  | Component of Business | Meaning. |
| A | **Economics** |  |
| B | **Commerce** |  |
| C | **Accounting** |  |
| D | **Entrepreneurship** |  |
| E | Financial literacy |  |

#### What are the uses of Money?

1. ………………………………………………………………………………
2. ………………………………………………………………………………
3. ………………………………………………………………………………

#### What are the security features of Kenyan denominations below?



KEY SECURITY FEATURES;

1. ………………………………………………………
2. …………………………………………………….
3. …………………………………………………….
4. …………………………………………………….

##### Distinguish the following goods

##### Free goods and economic goods.

**Free goods** ………………………………………………………………………………….

**Economic goods** ……………………………………………………………………………

##### Producer goods and consumer goods.

**Producer goods** …………………………………………………………………………….

**Consumer ………………………………………………………………………………….**.

##### Perishable goods and durable goods.

**Perishable goods** ……………………………………………………………………………..

 **Durable goods** …………………………………………………………………….....

##### Public goods and private goods.

**Public goods** …………………………………………………………………………….

**Private goods** …………………………………………………………………………..

##### Which devices can be used when setting up personal goals easily.

1. *……………………………………………………*
2. *…………………………………………………..*
3. *……………………………………………………*

#### State three differences between talent and ability.

|  |  |
| --- | --- |
| **TALENT** | **ABILITY** |
|  |  |
|  |  |
|  |  |

#### What are the Differences between Needs and Wants?

|  |  |
| --- | --- |
| **NEEDS** | **WANTS** |
|  |  |
|  |  |

* + 1. **Define the following terms**
	1. **Scarcity**

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

#### Opportunity cost.

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

#### Choice.

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

#### Scale of preference.

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

#### State and explain three Categories of Business Activities.

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

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

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

* + 1. **Outline four Types of large-scale retail outlets**
1. ***…………………………………………………..***
2. ***…………………………………………………..***
3. ***………………………………………………….***
4. ***………………………………………………….***
	* 1. **Distinguish between goods and services.**

|  |  |
| --- | --- |
| **GOODS** | **SERVICES** |
|  |  |
|  |  |
|  |  |
|  |  |

* + 1. **What is**
	1. **Resources** ……………………………………………………………………………………………………………………………………………………………………………………
	2. **Economic resources** …………………………………………………………………………………………………………………………………………………………………………………………………….
		1. **There are four factors of production namely:**
	3. …………………………………
	4. …………………………………
	5. …………………………………
	6. …………………………………
		1. **State the Legal requirements for Starting and Operating a simple business in Kenya**
1. ……………………………………………………………………………..
2. …………………………………………………………………………….
3. ……………………………………………………………………………..

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