# 3055 BA SANGAM COLLEGE

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**School: <u>Ba Sangam College</u>**                    **Year / Level: <u>13</u>**

**Subject: <u>Computer Studies</u>**                    **Name of Student**: _____

| Strand | 3 – Application Packages |
|---|---|
| **Sub strand** | 3.1 – Web Designing |
| **Content Learning Outcome** | Discuss and develop web design skills |

## Website Testing

- ❖ Ensuring that the new site is operating properly
- ❖ Is a process for evaluating the conformance of a site to an agreed set of guidelines.
- ❖ The purpose of testing is to ensure website is capable of operating to a minimum acceptable standard, in order to meet the Goals that have been set for it.
- ❖ Website Testing encompasses many areas —ranging from simple spell checking to a full security review. For convenience, these can be grouped into a catalogue that lists all appropriate methodologies. A summary of this is shown below.

| Test Method | Description |
|---|---|
| Code Testing | This tests that all languages conform to accepted code standards. |
| Design Testing | This tests that all pages conform to the website's preferred layout design. |
| Spelling Testing | This tests that HTML and other code has been inserted in an optimal manner. |
| Hyperlink Testing | This tests that all links to all documents and assets resolve correctly. |
| Page Weight Testing | This ensures that all pages conform to the maximum allowed page weight. |
| Browser Testing | This tests that the website displays correctly across target browser sand Operating Systems. |
| Usability Testing | This ensures that the website conforms to appropriate practice in the area of usability. |
| Accessibility Testing | This ensures that the website conforms to the stated level of accessibility outlined in the organization's Web Accessibility Policy. |
| Security Testing | This tests that the web site operates with minimum risk in a secure environment. |
| Functional Testing | This tests that the website operates as expected under normal and error inducing conditions. |
| Performance Testing | This tests the responsiveness of the website to user actions. |
| Website Standards Review | This reviews the website against the organization's Website Standard. |
| Operational Monitoring | This puts in place procedures for the ongoing monitoring of the site. |

**ACTIVITY**

1.  Discuss in brief the website testing process. (1 mark)

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2.  Explain the purpose of website testing. (1 marks)

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3.  Complete the table. (8 marks)

| Test Method | Description |
|---|---|
| Code Testing | |
| | This tests that all pages conform to the website's preferred layout design. |
| Hyperlink Testing | |
| Page Weight Testing | |
| | This ensures that the website conforms to appropriate practice in the area of usability. |
| Functional Testing | |
| | This tests the responsiveness of the website to user actions. |
| Operational Monitoring | |

THE END