**Answers – Website Design Level 3**

**Assignment A**

**Task C1**

Create a suitable test plan that will test your website using different web browsers.

**Note**: Ensure that your test plan has at least **five** tests.

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| **A screenshot of a computer  Description automatically generated**  **Test website on Firefox.**  **A screenshot of a computer  Description automatically generated**  **Test website on Microsoft Edge.**  **A screenshot of a website  Description automatically generated**    **Test website on Safari.**  **A screen shot of a phone booth  Description automatically generated**    **Test website on Google Chrome.**  **A screenshot of a web page  Description automatically generated**  **.Link to another page on Safari.** |

**Task C5**

Explain any laws or constraints that affect the content of websites (choose **three**).

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| 1. **Consent**: Websites must obtain clear and explicit consent from users before collecting personal data. 2. **Data Subject Rights**: Users have rights to access, rectify, erase, and restrict the processing of their data. 3. **Transparency**: Websites must clearly disclose how they collect, use, and store personal data. 4. **Data Breach Notifications**: Companies must notify authorities and affected individuals of data breaches within 72 hours. |

**Task C6**

Explain what access issues may need to be taken into account (choose **three**).

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| 1. Ensure that all content is accessible through screen readers by using semantic HTML and providing alt text for images. 2. Design the site so that all functionalities are accessible via keyboard, including navigation and form submissions. 3. Use sufficient color contrast between text and backgrounds, and provide options to adjust text size to accommodate users with visual impairments. 4. **esting**: Regularly test the website on multiple browsers (e.g., Chrome, Firefox, Safari, Edge) and their various versions to identify and fix compatibility issues. 5. **Progressive Enhancement**: Build the core functionality of the website first, ensuring it works on all browsers, and then add advanced features that enhance the experience on modern browsers. 6.  **Fallbacks and Polyfills**: Implement fallbacks and polyfills for features not supported by older browsers to ensure essential functionality is maintained. |

**Task C7**

Explain which image file types should be used for websites and state why they are the most suitable.

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| the image have a PNG, JPEGs , SVG,ETC. images should have high quality and Increasingly supported by modern browsers and Images that require transparency or images with sharp edges and text, such as logos, icons, and graphics. |