**Short Answer Questions Guidelines**

* Answer each question in the spaces below
* Clearly identify each of the points you are answering
* Provide a complete sentence for each point with clear details and justification.
* Each question is worth 5 marks
* The total for this summative is 35 marks

**Short Answer Questions**

1. Describe a specific hardware component that is found inside a PC tower case. Include the following points in your answer:
   1. The name of the component
   2. The main function of the component
   3. Some important features of the component
   4. Where the component is located inside the PC tower case
   5. How the component has changed since the 1990s with respect to speed
   6. How the component has changed since the 1990s with respect to size (e.g. megabytes)
2. Describe a specific hardware component that is found outside a PC tower case. Include the following points in your answer:
   1. The name of the component
   2. The main function of the component
   3. Some important features of the component
   4. Where the component is located inside the PC tower case
   5. How the component has changed since the 1990s with respect to speed
   6. How the component has changed since the 1990s with respect to size (e.g. megabytes)
3. Describe a specific computer malware (e.g. worm, virus, trojan, etc.). Include the following points in your answer:
   1. The name of the malware
   2. The type of malware (justify your answer)
   3. The visible signs on a computer that is infected
   4. Ways to prevent or remove the attack
   5. Its impact on a single user / computer
   6. Its impact on society / the economy
4. Describe a specific equity issue discussed in class (e.g. Emoji Equity). Include the following points in your answer:
   1. The types of groups affected (e.g. Gender, Race, Religion, etc.).
   2. For each affected group, explain how they are affected with specific details
   3. Explain how the software or applications do not currently provide equity
   4. Explain how developers of the software or applications plan to make improvements regarding equity
5. Describe social and environmental issues related to crypto-currencies such as BitCoin and BitCoin mining. Include the following points in your answer:
   1. List and explain some concerns for society related to this technology
   2. Explain how to minimize these social concerns through responsible use.
   3. List and explain some concerns for the environment related to this technology
   4. Explain how to minimize these environmental concerns through responsible use.
6. Discuss the function and features of Privacy Policies and Terms of Service Agreements found for most on-line services such as GitHub. Include the following points in your answer:
   1. Explain the main features of and the reason for a Privacy Policy
   2. Explain the main features of and the reason for a Terms of Service Agreement
   3. Explain the main difference between a Privacy Policy and a Terms of Service Agreement
   4. Explain some of the identity and personal information you give away when using these services
   5. Explain some things you can do to limit how much identity and personal information you give away
7. Discuss the function and features of computer software development sites such as GitHub and repl.it. Include the following points in your answer:
   1. Provide specific examples and an explanation of how to use folders to organize your work files
   2. Provide specific examples and an explanation of how to use meaningful names for folders and work files
   3. Provide specific examples and an explanation of how to use these services to share work between your home and school environments.
   4. Provide specific examples and an explanation of how to use these services to share work between different users.