**SANGAM SKM COLLEGE – NADI**

**YEAR 12 COMPUTER STUDIES WORKSHEET**

**WEEK 2**

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| --- | --- |
| **Date** | **Questions** |
| **31/5/21** | 1. State **two** social networking risks.
2. State **two** ways someone‟s Web activity is monitored.
3. Explain **one** way in which computers can benefit an organisation.
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| **1/6/21**  | 1. Explain how a **Robot Network** or **Botnet** is formed.
2. Discuss how **Digital Millennium Copyright Act** can reduce software piracy.
3. Explain **one** reason why software piracy is a continuing trend in most countries.
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| **2/6/21** | 1. Define the term **information society**.
2. Explain how computers are used in Law Enforcement agencies.
3. State the type of computer crime **carder’**s commit.
 |
| **3/6/21** | 1. Describe **one** way in which computer virus spreads.
2. Explain why employees make up the largest category of computer criminals in any organisation.
3. State any **two** ethical questions that can be raised about computers and their uses.
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| **4/6/21** | Write an essay of about **200 - 250** words to answer each question.**The computerisation of society refers broadly to the widespread use of computers** **which is the result of economic and technological trends.** With reference to the above statement, discuss the following: * economic trend
* technological trend
* **four** positive impacts and
* **three** negative impacts of computerisation in society
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**WEEK 3**

|  |  |
| --- | --- |
| **Date** | **Questions** |
| **7/6/21** | 1. State **one** purpose of an Integrated Development Environment (IDE).
2. Differentiate between a **pretest** and a **posttest** in a Do/Loop.
3. Describe when a programmer should use a masked textbox instead of a normal textbox in a VB.Net program.
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| **8/6/21** | Use Dim to write a one line code to declare the variable.1. That will store Students First\_Name
2. That will store Bus\_fare
3. That will store Phone\_Number
 |
| **8/6/21** | 1. Visual Basic is **event driven**. What does this mean?
2. The first step to writing a good visual application is to have a good design of the user interface. List the other **two** steps.
3. Describe when radio buttons are to be used instead of check boxes in a group box.
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| **10/6/21** | Jerrys Infotech Limited is a company that sells a wide range of office equipment to schools and offices around the country. Due to the high demand from the customers, the company has hired 20 employees to run the sales department. The company pays its sales team a weekly wage of $250 plus commission made on all sales. The commission are as follows:

|  |  |
| --- | --- |
| **Sales**  | **Commission**  |
| >=10 000  | 3%  |
| >=15 000  | 6%  |
| >=20 000  | 9%  |

**Draw a flow chart** for the program in the **Answer Booklet** that will enable the following: * Request the user to enter the employee's name and the total sales for the week.
* Calculate the salary.
* Display the employee's name and the weekly salary.

Use the FOR…NEXT and IF…THEN…ELSE structure in the flow chart. |
| **11/6/21** | Write an essay of about **200 - 250** words to answer each question.**Planning is a crucial phase in programming.** With reference to the above statement, discuss the following: * **three** steps that good programmers ensure before writing a good Visual Basic program
* **two** steps taken before the actual program implementation.
* state **one** logical structure used in writing structured programs.
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Thank you