 Province of the

EASTERN CAPE

EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY THEORY | **GRADE** | 12 | **DATE** | 17 August to 21 August 2020 |
| **TOPIC** | Social ImplicationsConsolidation Exercise | **TERM 3****REVISION** | (Please tick) | **TERM 3 CONTENT** | ✓ |
| **TIME ALLOCATION** | 1hr | **TIPS TO KEEP HEALTHY**1. **WASH YOUR HANDS** thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.2. **PRACTISE SOCIAL DISTANCING** – keep a distance of 1m away from other people.3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.4. **TRY NOT TO TOUCH YOUR FACE.** The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick. 5. **STAY AT HOME.**  |
| **INSTRUCTIONS** | Resources used* Its gr8! @ grade12 theory, Study Opportunities
* Information Technology Theory Book Grade 12 , DBE
* Past Exam Papers

Answer all questions |
|  | 1.Complete the sentences on the different type of computer criminals.

|  |  |
| --- | --- |
| TYPE | DESCRIPTION |
| Hacker | A hacker is anyone who uses their computer skills to gain \_\_\_\_\_\_\_\_ access to computersystems or \_\_\_\_\_\_\_\_. They can do this through a combination of exploits, scripts and socialengineering. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_help companies improve their security by trying to hackinto their computers, while \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (or \_\_\_\_\_\_\_\_) illegally break intocomputer systems. |
| \_\_\_\_\_\_\_\_ | This refers to hackers who use their skills \_\_\_\_\_\_\_\_. They may break into computersystems for a variety of reasons, from \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_.This term can also be used to refer to people who write \_\_\_\_\_\_\_\_cracks (tools that allowsoftware to be pirated and used illegally). |
| Virus author | A virus author is any person who writes a \_\_\_\_\_\_\_\_. Virus authors create viruses for severalreasons, including \_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_or \_\_\_\_\_\_\_\_. |
| \_\_\_\_\_\_\_\_ | This is a group of people who work together to commit crimes. They can be made up ofmany loosely organised members (like the group Anonymous) or they can be a small team ofspecialists.2. Complete the table on the types |
|  |  |

2. Complete the table on the types of cybercrimes.

|  |  |  |
| --- | --- | --- |
| TYPE OF CRIME  | DEFINITION | EFFECT ON SOCIETY |
| Hardware hacking |  |  |
| Software hacking |  |  |
| Information and website hacking |  |  |
| Bandwidth theft |  |  |
| Service theft |  |  |

3. Explain three safeguards you can put in place to protect your device. Do you follow these safeguards? Explain. |
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