 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 Implications  Consolidation 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 computer  systems or \_\_\_\_\_\_\_\_. They can do this through a combination of exploits, scripts and social  engineering. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_help companies improve their security by trying to hack  into their computers, while \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (or \_\_\_\_\_\_\_\_) illegally break into  computer systems. | | \_\_\_\_\_\_\_\_ | This refers to hackers who use their skills \_\_\_\_\_\_\_\_. They may break into computer  systems for a variety of reasons, from \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_.  This term can also be used to refer to people who write \_\_\_\_\_\_\_\_cracks (tools that allow  software to be pirated and used illegally). | | Virus author | A virus author is any person who writes a \_\_\_\_\_\_\_\_. Virus authors create viruses for several  reasons, including \_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_or \_\_\_\_\_\_\_\_. | | \_\_\_\_\_\_\_\_ | This is a group of people who work together to commit crimes. They can be made up of  many loosely organised members (like the group Anonymous) or they can be a small team of  specialists.  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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