 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY THEORY | **GRADE** | 11 | **DATE** | 7 to 11 September 2020 |
| **TOPIC** | Social Implications = Protecting your online identity | **TERM 1****REVISION** | ✓ | **TERM 2 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 // Most of this week’s work is taken from the New DBE book* Its gr8! @ grade12 theory, Study Opportunities
* Information Technology Theory Book Grade 12 , DBE
* Past Exam Papers

Answer all questions |
|  | 1. Accept all reasonable answers.**FARMER** Digitalisation is reducing the need for short term, manual labour that performs the “heavylifting” of agriculture by replacing these jobs with a reduced number of highly-skilledfull-time positions.**SECRETARY** Automating tasks in the office can have both positive and negative effects on workers.Certain tasks can be performed more quickly and accurately using a computer, which wouldallow the workers to spend more time on other aspects of their jobs. Workers may beresistant to the fact that they would have to learn how to work with computing devices inorder to complete these tasks and they may feel that their jobs are threatened by thedevices**MECHANIC** Robots can effectively be used to perform tasks that would be too dangerous for a humanto perform or that require a large degree of repetiton. They could also be used to performtasks that require strength beyond what a human being would have.**MEDICAL FIELD** Artificial intelligence (or AI) refers to a field of computer studies in which programmers try tocreate or simulate human intelligence in machines. In the workplace, the goal of AI is toallow computers to do tasks that typically require human intelligence.2.

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| CAREER | JOB DESCRIPTION | EXPLAIN IF YOU WOULD LIKETO WORK IN THIS CAREER |
| 3D architect | 3D architects are designers who use 3D software tocreate models of buildings and other structures.Theprocess of 3D printing involves utilising computeraideddesign (CAD) information to print products inlayers. A 3D printing operator oversees the printingprocess. Examples include prostatic limbs, plasticmodels and cameras. | Learner dependent answer |
| Privacy consultant | Is exactly that, a consultant who deals with theonline privacy of a corporation. They assess anddefine system specifications in relation tocompliance with data protection and privacyregulations. They follow proper data managementsystems and build positive relationships with avariety of stakeholders. | Learner dependent answer |
| Medical nanobottechnician | Nanorobotics is a technology field that createsmachines or robots with components that are at ornear the scale of a nanometre. Nanotechnology inmedicine involves applications of nanoparticlescurrently under development research that involvesthe use of manufactured nano-robots to makerepairs at the cellular level, this can cure cancercells in the future. | Learner dependent answer |

3. Use strong passwords; Check social media privacy settings; Avoid public Wi-Fi; Avoid Phishing emails;Always use secure websites; Update security updates; Shred sensitive documents4. Learner dependent answer. |