 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 “heavy  lifting” of agriculture by replacing these jobs with a reduced number of highly-skilled  full-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 would  allow the workers to spend more time on other aspects of their jobs. Workers may be  resistant to the fact that they would have to learn how to work with computing devices in  order to complete these tasks and they may feel that their jobs are threatened by the  devices  **MECHANIC** Robots can effectively be used to perform tasks that would be too dangerous for a human  to perform or that require a large degree of repetiton. They could also be used to perform  tasks 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 to  create or simulate human intelligence in machines. In the workplace, the goal of AI is to  allow computers to do tasks that typically require human intelligence.  2.   |  |  |  | | --- | --- | --- | | CAREER | JOB DESCRIPTION | EXPLAIN IF YOU WOULD LIKE  TO WORK IN THIS CAREER | | 3D architect | 3D architects are designers who use 3D software to  create models of buildings and other structures.The  process of 3D printing involves utilising computeraided  design (CAD) information to print products in  layers. A 3D printing operator oversees the printing  process. Examples include prostatic limbs, plastic  models and cameras. | Learner dependent answer | | Privacy consultant | Is exactly that, a consultant who deals with the  online privacy of a corporation. They assess and  define system specifications in relation to  compliance with data protection and privacy  regulations. They follow proper data management  systems and build positive relationships with a  variety of stakeholders. | Learner dependent answer | | Medical nanobot  technician | Nanorobotics is a technology field that creates  machines or robots with components that are at or  near the scale of a nanometre. Nanotechnology in  medicine involves applications of nanoparticles  currently under development research that involves  the use of manufactured nano-robots to make  repairs at the cellular level, this can cure cancer  cells 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 documents  4. Learner dependent answer. | | | | |