 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | INFORMATION TECHNOLOGY THEORY | **GRADE** | 10 | **DATE** | 20 April to 24 April 2020 |
| **TOPIC** | Basic Concepts of System Software – System software concepts | **TERM 1**  **REVISION** | (Please tick) | **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 chapter 6   * Information Technology Practical Book Grade 10 , DBE * Past Exam Papers   Answer all questions |
|  | 1 Use the skills that you have learned so far, then develop algorithms and flow charts for the following problem situations:  a. A person must decide whether or not to take an umbrella when going to the shop.  b. Read a person’s gender in the format ‘Male’ or ‘Female’. If the person is a female display ‘F’; otherwise display ‘M’.  2 Draw a trace table for the Even and Odd number flowchart using an input value of 6.  3 Draw a flow chart that receives a subject name and a mark out of 100 for the subject and then displays a message ‘Pass’ if the mark is 50 or more. | | | | |