 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** | 10 | **DATE** | 20 April to 24 April 2020 |
| **TOPIC** | Decision Making – Boolean expressions and the If-then statement | **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 |
|  | All library users pay a fee of R35.00 per month for the library services. To  encourage reading amongst learners, they are offered the following discounts.   * Pre-schoolers get a discount of 15% * Primary school learners get a discount of 13%   + High school learners and students get a discount of 11%.   Create a project, Discount\_p to calculate the fees payable as follows:   * + When the RadioButton in the RadioGroup is clicked, calculate the discount. Display the discount and amount due formatted as currency.   + Write code for a [Reset] button that will reset the RadioGroup so that no option is selected, and clear the labels so that nothing displays in the labels.   Use the interface shown below as a guide. | | | | |