 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY PRACTICAL | **GRADE** | 12 | **DATE** | 4 May to 8 May 2020 |
| **TOPIC** | Databases and SQL – Consolidation Activities | **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 70%.  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 // This week’s work is taken from the New DBE Practical book  Study the Chapter 4, Units 1 to 4  Attempt all the examples in the book  Answer the following questions that are extracted from this book  The Datafiles for the activity are in the week’s data folder |
|  | Data maintenance  QUESTION 1  1.1 The following database called students shows the details of a number of students attending a university, as  well as the students’ average for their course’s subjects. Use this table to answer the questions that follow.  Write a SQL query to:  a. View all the information, sorted from the lowest student number to the highest student number.  b. Show a list of courses without duplicates.  c. Show the name, surname and average of all the students that have the character ‘a’ in either their  name or surname.  1.2 The following database called Appliances shows the products sold at an appliance and electronics store.  It shows the price for these products in Rands and how many units of the product are stored in the  store’s warehouse.    Write a SQL query to:  a. view all the products that have a price above R2000?.  b. show the total value of all the stock. | | | | |