 Province of the

EASTERN CAPE

EDUCATION

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | INFORMATION TECHNOLOGY PRACTICAL | **GRADE** | 11 | **DATE** | 11 May to 15 May 2020 |
| **TOPIC** | Revision – Database Management | **TERM 1**  **REVISION** | (Please tick) | **TERM 2 CONTENT** | ✓ |
| **TIME ALLOCATION** | 2 hr | **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   * Information Technology Practical Book Grade 11 , DBE Chapter 4 * Past Exam Papers   Answer all questions |
|  | Suggested Solution embedded:  Database Management Software: Assessment   |  |  | | --- | --- | | Question | Answer | | 1. What is the basic purpose or function of a database management system (DBMS)? | It is software that allows you to work with electronic databases. | | 1. List two other typical functions or tasks that DBMSs allow a user to do. | Add, edit and delete data in the database Process the data in the database to extract information. create and edit a database structure as well as to perform queries on the database | | 1. Give two examples of widely used, open-source server-based DBMS. | PostgreSQL and MySQL | | 1. Use an example of your life where you could make use of a database management software | Ex. CD collection | | 1. Name some of the data that you could extract from this database | All the CD’s on an artist etc. | | 1. Why do you think do a lot of businesses make use of MySQL? Name TWO reasons | Open source – so it is free.  IT can handle a large volume of data in one single database. | | | | | |