 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 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

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| 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 databaseProcess 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. |

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