 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY ANSWER SHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY THEORY | **GRADE** | 11 | **DATE** | 24 August to 28 Augustl 2020 |
| **TOPIC** | Database Design – Characteristics of quality data. | **TERM 3**  **REVISION** | (Please tick) | **TERM 3 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   * Its gr8! @ grade11 theory, Study Opportunities * Information Technology Theory Book Grade 11 , DBE * Past Exam Papers   Answer all questions |
|  | 1 a. A  b. C  c. D  d. C  e. B  2 – Accuracy  – Relevancy  – Consistency  – Currency  – Correctness.  3 a. Consistency  b. Relevancy  c. Relevancy  d. Accuracy  4 To check whether the data is accurate and in the correct format.  5 INCOME\_BILLION: Range check - a range check ensures that the data falls within a specific range. This is useful for items such as amounts or durations.  GENRE : Data type check - a data type check ensures that the data is of the correct typ (e.g. string, integer, double or datetime).  STUDIO\_NAME : Data type check - a data type check ensures that the data is of the correct typ (e.g. string, integer, double or datetime).  STUDIO\_LOCATION : Data type check - a data type check ensures that the data is of the correct typ (e.g. string, integer, double or datetime).  6 Accept all reasonable examples:  Data is raw material; and information is when data is organised and presented by someone. For example, if I take individual pictures of all the learners in your school, the collection of photographs is data. When the photographs are re-organised into each class unit, then the photographs become information.  Knowledge is information read, heard, or seen, and understood.  7 The aim of grouping data is to allow you to work with data more easily. | | | | |