

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | Nautical Science | **GRADE** | 11 | **DATE** | 15/4/20 |
| **TOPIC** | Meteorology | **TERM 1**  **REVISION** | X | **TERM 2 CONTENT** | X |
| **TIME ALLOCATION** | 20min | **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. **PRACTICE 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** | This worksheet is to be completed in your MRTE exercise/activity book. |

**Question 3**

By means of simple drawings, illustrate the following synoptic chart symbols:

3.1 Cold Front (2)

3.2 Warm Front (2)

3.3 Occluded Front (2)

3.4 Stationary Front (2)

3.5 Cloud cover of 1 Octa (1)

3.6 Cloud cover of 5 Octas (1)

3.7 Obscured sky (1)

3.8 Calm wind (1)

3.9 Easterly wind of 75 Kn (2)

**Question 4**

State whether the following statements are True or False

4.1 Precipitation is associated with a cold front only. (1)

4.2 Warm fronts move more slower than cold fronts. (1)

4.3 Isobars are lines that connect areas of equal pressure on Synoptic Chart (1)