

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | Nautical Science | **GRADE** | 11 | **DATE** | 7/4/20 |
| **TOPIC** | Seamanship | **TERM 1****REVISION** |  | **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 6**

6.1 List five recognised signals used or exhibited to indicate that a vessel is in

distress and needs assistance. (5)

6.2 While searching for and expecting to recover survivors from the sea, a rescue vessel should make preparations. List at least five activities to prepare on

board when drawing up a plan to recover the survivors. (5)

**Sub Total [10]**

**QUESTION 7**

7.1 Explain why it is preferable that towlines have an **eye spliced** in the end rather than a knot tied in it. (2)

7.2 Among all the mandatory equipment that a tug for ocean towing should have aboard, which is the most important? (1)

7.3 By means of a drawing/diagram explain the **lights** and **shapes** exhibited by

a **towing vessel** whose tow exceeds 200m in length and is such that it severely

restricts the ability to manoeuvre of both the the towing vessel and its tow.

The tug and its tow are **underway** and viewed from **ahead**. (12)

**Sub Total [15]**