

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | Maritime Economics | **GRADE** | 12 | **DATE** | 16/4/20 |
| **TOPIC** | Maritime World | **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** | 1. This worksheet is to be completed in your MRTE exercise/activity book.  2. Answer all the questions.    3. Read the questions carefully before answering.    4. It is in your own interest to write legibly and to present your work neatly.    5. When doing calculations, all working detail must be shown. |

**QUESTION 3**

3.2 Study the table that has been given as Addendum 3. The statistics given show the numbers of ships (containerships, bulk carriers, VLCCs and product tankers) calling for the period 2012 to 2019. Note the following:

The port serves a hinterland in which there is a thriving industrial sector, including an oil refinery.

* A steel mill has been built in the hinterland recently.
* A second oil refinery is under construction.
* Figures for 2017 to 2019 are estimates.

Now answer the following questions.

3.2.1 If you study the numbers of ships calling, when did the steel mill come into operation, or is likely to come into operation? (2)

3.2.2 Explain your answer to Question 3.2.1. (4)

3.2.3 According to the figures given, when did the second oil refinery come into operation, or is likely to come into operation? (2)

3.2.4 How many VLCCs are likely to be in port on any day in 2019? (4)

3.2.5 Besides the new steel mill and oil refinery, what infrastructure would need to be provided to cope with the expected increase in shipping? (8)

3.2.6 In what ways will the region in which Port Newrefin is situated benefit from developments in and around the port? (8)

**ADDENDUM 3 – QUESTION 3.2**

**SHIPPING STATISTICS – PORT NEWREFIN**

**SHIPS CALLING**

**YEAR >>>** 2012 2013 2014 2015 2016 2017 2018 2019

**SHIP TYPE**

Containerships 2 100 2 006 2 114 2 101 2 156 2 764 3 118 3 109

Bulk Carriers 204 232 241 221 248 1 109 2 115 2 332

Tankers (VLCC) 357 323 359 341 669 687 690 700

Product Tankers 495 512 521 501 892 941 950 950