 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET OPEN BOOK TEST SHEET**

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| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | **NAUTICAL SCIENCE** | **GRADE** | **10** | **DATE** | **24/04/20** |
| **TOPIC** | **COMMUNICATION** | **TERM 1****REVISION** | **X** | **TERM 2 CONTENT** | **X** |

11. Ships’ sirens are used for a particular purpose. What is it? (page 6 ship’s siren) (1)

12. The underwater telephone is used by two groups only, the one is the military and the other?

 (page 6 underwater telephone) (1)

13. Radio can be used for a number of different modes of communication. Name them. (page 6 radio comms) (5)

14. What are the advantages and disadvantages of using radio as a means of communication? (page 7 at top) (10)

15. What are the four components (parts) of a signal message? (page 7 radio procedures) (4)

16. How do ships identify one another? (page 9 vessel identities) (2)

17. Why do we make use of a phonetic alphabet when spelling a word over radio? (page 9 phonetic alphabet) (4)

18. Spell the following sentence in the phonetic alphabet: “The quick brown fox jumps over the lazy dog”. (page 14 phonetic alphabet/morse code table) (3)

19. What are the single meanings of the following letters/flags:

 a. A.

 b. B.

 c. C.

 d. E.

 e. F.

 f. G.

 g. H.

 h. I.

 i. K.

 k. N.

 l. O.

 m. P.

 n. Q.

 o. S.

 p. U.

 r, V.

 s. W.

 t. Y.

 u. Z.

 (page 12 single meanings of flags) (19)

20. Which clock is used at sea, 12 hour or 24 hour? (page 9 time) (1)

21. Write the following times in sea time:

 a. Half past two in the morning.

 b. Midday.

 c. Quarter to three in the afternoon.

 d. Twenty past nine at night.

 e. One minute to midnight. (page 9 time) (5)

 **[50]**