

Communicator



Complete either Section (A) or (B):

- (A)
1. (a) Send and receive a message of not less than 150 letters by semaphore at a rate of 45 letters per minute, send and receive a message of not less than 150 letters by Morse code at a rate of 25 letters per minute; or
 - (b) Use a transmitter to send a message at a rate of 40 letters per minute; use light signals to send a message of not less than 150 letters at a rate of 30 letters per minute.
2. Demonstrate the correct procedure when sending and receiving a message.
 3. At a distance of 150 m, send a message by semaphore or Morse code at a rate of 20 letters per minute.

Note: The tests should be 80% correct. The minimum distance for a transmitter should be at least 140 metres and the transmitter should be put in a separate room from the receiving machine.

- (B)
1. (i) Log 50 different amateur radio stations within three months, showing details of date, time, call signs, frequency, readability and location.
 - (ii) Discuss with the assessor the experience in keeping the log, such as the use of equipment and the range of reception.
2. Discuss with the assessor the frequency used by the radio stations and range of reception between day and night.
 3. Know at least 12 international Q code signals.
 4. Know the rules governing the use of mobile phones regulated by the Hong Kong Office of the Telecommunications Authority.