

Student: \_\_\_\_\_

Date: \_\_\_\_\_

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## Progress test (Units 5–6)

### Section 1: Vocabulary

1. Complete these sentences with the words in the box. You do not need all the words.

attract firewall gateway network on open  
pay place private router with

- 1 You pass through a(n) \_\_\_\_\_ to enter another network.
- 2 Is the software compatible \_\_\_\_\_ our computers?
- 3 The computers are all connected to the \_\_\_\_\_.
- 4 Did you \_\_\_\_\_ the order for the new software yesterday?
- 5 We must \_\_\_\_\_ an account to shop online.
- 6 Companies use advertising to \_\_\_\_\_ customers.
- 7 I'll check the information \_\_\_\_\_ the internet.
- 8 You must have a(n) \_\_\_\_\_ to stop cyber attacks.
- 9 VPN stands for virtual \_\_\_\_\_ network.

### Section 2: Language

2. Choose the correct answer, A, B or C. Write A, B or C in the gaps.

We've got (1) \_\_\_\_\_ customers who shop for our products online. At the moment there are a (2) \_\_\_\_\_ problems with our website, so we've got (3) \_\_\_\_\_ very unhappy customers. This is (4) \_\_\_\_\_ last night the whole system (5) \_\_\_\_\_ down and we (6) \_\_\_\_\_ their orders. It (7) \_\_\_\_\_ all day to repair the system, (8) \_\_\_\_\_ we haven't had any online orders today. Half an hour (9) \_\_\_\_\_ a customer phoned to ask what is going on. We (10) \_\_\_\_\_ email all our customers to explain what happened and that we (11) \_\_\_\_\_ charge them for purchases that are delayed.

- |            |          |           |
|------------|----------|-----------|
| 1 A any    | B many   | C much    |
| 2 A few    | B lot    | C little  |
| 3 A any    | B some   | C little  |
| 4 A so     | B but    | C because |
| 5 A go     | B gone   | C went    |
| 6 A loss   | B lose   | C lost    |
| 7 A took   | B taken  | C take    |
| 8 A so     | B but    | C because |
| 9 A last   | B ago    | C away    |
| 10 A won't | B will   | C are     |
| 11 A won't | B aren't | C haven't |

### Section 3: Reading

#### 3. Read these texts. Are the sentences true (T) or false (F)?

##### Range

Wireless networks have limited range. Network range depends on the type of 802.11 protocol, the strength of the device transmitter and the architecture of the surrounding area. Some structures such as walls and metal frames reduce the range of a WLAN by 25%. However, users can extend the range of a WLAN. Repeaters forward the wireless signal to access points or routers and increase the range of a network.

##### Speed

Bandwidth and latency are the measures of computer network speed, or data transfer rate. Bandwidth is the maximum throughput of data in bits per second. Some modems support 100 Gbit/s but speed depends on the hardware and software used. Latency is the delay that network creates during the transfer of data. Users have no or very little control over bandwidth and latency.

- 1 Wireless networks don't have a wide range. \_\_\_\_\_
- 2 Network range depends on different factors. \_\_\_\_\_
- 3 Walls and metal frames can increase the range of a WLAN. \_\_\_\_\_
- 4 It's possible to increase the range of a WLAN. \_\_\_\_\_
- 5 Data transfer rate is measured in bandwidth and latency. \_\_\_\_\_
- 6 The minimum throughput of data in bits per second is the latency. \_\_\_\_\_
- 7 Speed depends only on the hardware used. \_\_\_\_\_
- 8 Users can control the latency. \_\_\_\_\_

### Section 4: Writing

#### 4. Write questions about Erik Larssen, using HE as a subject. Use the PAST SIMPLE.

- A: \_\_\_\_\_ (When / graduate from university?)  
B: In 2006.
- A: \_\_\_\_\_ (Where / get the job?)  
B: At IBM, in England.
- A: \_\_\_\_\_ (When / leave?)  
B: Two years ago.
- A: \_\_\_\_\_ (Why / come / to America?)  
B: To work for Microsoft.
- A: \_\_\_\_\_ (What / buy / yesterday?)  
B: His first apartment.

### Section 5: Listening

#### 5. ► Listen and complete these sentences. Use ONE WORD in each gap.

- 1 Boris thinks the network \_\_\_\_\_ speed is a problem.
- 2 Boris says there isn't a problem with the \_\_\_\_\_.
- 3 Adding a(n) \_\_\_\_\_ won't help because the signal strength is fine.
- 4 Boris should \_\_\_\_\_ the cables.
- 5 Ahsan says Boris doesn't have to change the \_\_\_\_\_.
- 6 Boris should look at the \_\_\_\_\_ recommendations on the internet.