

### Written exam sample

#### READING

- in this section, you would get a text related to your field for which you will have two tasks:
  - **Task I** – T or F information according to the text
  - **Task II** – fill in the gaps with the information from the text

**VOCABULARY** (All the tasks are retrived from our materials used throughout the semester. For the exam, you would get the same structure, but some different examples/ context).

**I. Match the adjectives to the pairs of nouns to form collocations.**

- |                  |                           |
|------------------|---------------------------|
| 1. technological | a inquiry / journal       |
| 2. automated     | b stage / research        |
| 3. new age       | c warfare / era           |
| 4. scientific    | d factory / appliances    |
| 5. high-tech     | e video discs / camera    |
| 6. experimental  | f exploration / station   |
| 7. space         | g philosophy / travellers |
| 8. digital       | h gadgetry / industry     |
| 9. assistive     | I algorithm/ engine       |
| 10. search       | j production/ technology  |

**II. Complete using the correct form of the words in the box.**

- |         |           |            |               |        |          |
|---------|-----------|------------|---------------|--------|----------|
| • click | • complex | • download | • electronics | • file | • manual |
|         | • offline | • online   | • programmer  |        | • upload |

#### **WANTED: COMPUTER GEEK**

Some people think 'geek' is a negative term for someone who spends all their time on computers. Well, we at Compulearn think it's a positive thing! If you're interested in becoming a computer (1) ....., if you enjoy reading the (2) ..... to find out what's really going on inside consumer (3) ..... like the latest plasma TV, then we want to hear from you.

Our six-week course covers everything from (4) ..... music (5) ..... from the Internet to writing your own games. You'll learn how to (6) ..... your own websites to the Internet and how to solve (7) ..... problems in the latest programming languages. Go (8) ..... now and visit us on the net. (9) .. on 'Opportunities' and start your future now.

If for any reason our website is (10) ..... or you are unable to connect the Internet, call us on the displayed number.

**III. Starting from the root *tech*-, complete the following sentence with appropriate forms.**

1. Karl got a good job as a lab **tech**\_\_\_\_\_ in the university.
2. In this country, young people **tech**\_\_\_\_\_ become adults at the age of 18.
3. Computer **tech**\_\_\_\_\_ makes huge advances every year.
4. Andrea has a very interesting **tech**\_\_\_\_\_ for remembering vocabulary.
5. Publicity photos of celebrities have usually been **tech**\_\_\_\_\_ enhanced.
6. **Tech**\_\_\_\_\_ speaking, you are not allowed to enter the building.
7. He is studying a **tech**\_\_\_\_\_ related field.
8. At the time, using internet to call your friends was a **tech**\_\_\_\_\_ innovation.
9. The process of **tech**\_\_\_\_\_ is still emerging in our company.
10. By the end of the year, we'll have been **tech**\_\_\_\_\_ all the procedures in terms of bureaucracy.

**IV. Choose the correct words in the groups below.**

- a) **CONVERGENCE / COVERAGE / CONVECTION** - the amount or extent to which something is covered
- b) **LATENCY / LATENESS / OVERTIME** - the delay before a transfer of data begins following an instruction for its transfer
- c) fiber **OPTICS / OPTICIANS / MIRRORS** - the use of long fibers of glass or plastic to carry information from one place to another as light signals
- d) **PIPE / SPREAD / TRANSMIT** - to send out electrical signals using a radio, television, or computer network
- e) **VAC / VACANCY / VACUUM** - a space that has had all the air and any other gases removed from it
- f) **ATTITUDE / ALTITUDE / APTITUDE** - height above sea level
- g) **CELESTIAL / TERRESTRIAL / MISTRIAL** - relating to the Earth
- h) **DEBRIS / WRECK / AGGREGATE** - broken or torn pieces of something larger
- i) **FASTBAND / BROADBAND / WIDEBAND** - a type of connection to the internet that allows you to receive or send a lot of information very quickly
- j) **CONSTELLATION / CONSTERNATION / COMPENDIUM** - a group of associated or similar people or things

**V. We can change the form of a word (e.g. from a verb to a noun) by adding suffixes. Use the words given in capitals at the end of sentences and the suffixes below to make new words and fill in the gaps.**

-ment	-ion	-ive	-y -	-ise
ity	-ous	-able	-ed	-ion

1. Many times researchers study some areas to satisfy their ..... but as a result new things are invented. **CURIOUS**
2. Recent ..... in machine learning has allowed us to create machines that can win with humans in some areas. **DEVELOP**
3. Engineers can now apply ..... technological solutions to automatize many tasks that required human input. **ADVANCE**

4. Machines are not always ..... and sometimes break down so we should limit how much we depend on them in everyday life. **RELY**
5. There are ..... reasons why we should create artificial intelligence. **NUMBER**
6. Some people believe that AI is such a ..... technology that it will change our lives just as the Internet or TV did. **TRANSFORM**
7. The ..... of gunpowder was one of the most significant achievements of the Middle Ages in China. **INVENT**
8. Their ..... was quickly confirmed, making it the first confirmation of planets outside our Solar System. **DISCOVER**
9. It is our duty to ..... our company to gain technological edge. **MODERN**
10. The ..... on the Universe is slightly different nowadays. **COMPLEX**