

## 1 B2C

1 Key words (viz. slovníček)

### READING

3 Read the text and answer these questions.

- 1 fast, user friendly, and complete
- 2 he doesn't want to pay shipping
- 3 Business to Consumer

4 Say if statements 1-5 are true or false

- 1 F
- 2 T
- 3 F
- 4 F
- 5 T

### VOCABULARY

5 Cross the odd word out.

- 1 product
- 2 browse
- 3 consumer
- 4 shipping
- 5 web

### GRAMMAR

6 Fill in the blanks with the correct form of the verbs below.

- 1 has
- 2 provides
- 3 focuses
- 4 love
- 5 has
- 6 shows

7 Fill in the blanks with the correct form of the verbs in brackets.

- 1 do ... have
- 2 get
- 3 work
- 4 Do ... work
- 5 see
- 6 do not (don't) give
- 7 does ... cost
- 8 is ... has

## 2 To Print or Not to Print

1 Key words (viz. slovníček)

### READING

3 Read the statements and match the statements with the participants in the chat.

- 1 Art – because he comments that mini-labs use the chemicals for too long –the colour of the prints is not good and questions WD about how many rolls of film they pass through the chemicals so he implies that sentence 1 is true
- 2 Schuchmn – because he doesn't shoot prints very often, it's expensive – so the sentence implies he shoots slides
- 3 WD photo 473
- 4 Davebcamera

### VOCABULARY

4 Find eleven photography words in the wordsquare.

- SHOOT (line 8, column 5 – NE)
- CARTRIDGE (line 1, column 1 – E)
- LABORATORY (l.1, c.11 – S)
- PROCESSOR (l.11, c.1 – E)
- PRINT (l.8, c.6 – E)
- NEGATIVE (l.4, c.10 – S)
- CHEMICALS (l.1, c.1 – S)
- DRUGSTORE (l.2, c.2 – S)
- REPLENISH (l.2, c. 3 – S)
- ROLL (l.1, c.3 – SE)
- DEVELOP (l.1, c.7 – S)

### GRAMMAR

5 Fill in the blanks with the correct form of the verbs in brackets. Put the frequency adverbs in the correct order.

- 1 always does
- 2 usually do
- 3 often have
- 4 do not (don't) always have
- 5 affects
- 6 does not (doesn't) usually make
- 7 are rarely

6 Read the paragraph in Ex.5 and ask questions.

- 1 Does the store always do the developing in front of you?
- 2 Do they often have a lot of work?
- 3 Do they always have time to clean the negatives?
- 4 How often do they make mistakes?
- 5 How often are the prints off-centre?

## 3 Standard or Automatic?

1 Key words (viz. slovníček)

### READING

3 Read the text and answer the questions below.

- 1 there are 3 pedals and we only have 2 feet; there is a lot of traffic and we need to concentrate on driving
- 2 you go 4 metres – push the clutch – put the brake on – slow down – push the clutch – change gears, go 4 metres – push the clutch - stop – change gears
- 3 *students choose own answer*

### VOCABULARY

4 Choose a, b or c to complete sentences 1-4.

- 1 c
- 2 a
- 3 b
- 4 c

5 Match words 1-4 with a-d.

- 1 d
- 2 c
- 3 a
- 4 b

**GRAMMAR**

6 Read this ad and fill in the blanks using the following.

- 1 There is
- 2 there isn't
- 3 move
- 4 change
- 5 press

7 Fill in the blanks using there is or there are in the affirmative, interrogative or negative form.

- 1 There are
- 2 there isn't
- 3 Is there
- 4 Are there
- 5 are there

**4 There's a Virus on my Computer**

1 Key words (viz. slovníček)

**READING**

3 Read the text and answer the following questions.

- 1 a programme that enters and infects a computer without the user's permission
- 2 an antiviral programme
- 3 people – virus writers

4 Look at the drawings 1-5 and match them with the texts a-e.

- a 4
- b 1
- c 5
- d 2
- e 3

**VOCABULARY**

5 Complete the sentences with the words from the text.

- 1 activates
- 2 antiviral programmes ... vaccine
- 3 infect ... file
- 4 attachment

**GRAMMAR**

6 Writing an e-mail. Fill in the blanks with the corresponding possessives 's, my/mine, your/yours, etc.

- 1 Pepe's
- 2 mine
- 3 my friends'
- 4 Grace's
- 5 her
- 6 ours
- 7 his
- 8 yours

7 Use there is/are and the Simple Present of the verbs in brackets.

- 1 There are
- 2 download
- 3 starts
- 4 boot
- 5 do not (don't) usually open
- 6 there are
- 7 There is

## **Consolidation 1**

### **VOCABULARY**

1 Complete the clues across and down to fill in the crossword puzzle.

ACROSS	1	roll	DOWN	1	online
	2	engine		2	download
	4	gear		3	run
	3	browse		4	web
	5	attachment		5	develop

### **GRAMMAR**

2 Complete this conversation with the correct form of the verbs in brackets. Use the correct form of there is/there are when you see the symbol (\*).

1	do you want	9	does not (doesn't) have/hasn't got
2	want	10	is
3	Is there	11	is not (isn't)
4	do not (don't) like	12	does not (doesn't) want
5	there are	13	changes
6	There is	14	Is there
7	Is	15	there are not (aren't)
8	is	16	does it cost

3 Combine the verbs and adverbs from each list and fill in the blanks with the most appropriate combination.

2	usually shop
3	are never
4	rarely need
5	usually find

4 Read this text and choose the correct word.

1	their
2	father's
3	hers
4	her
5	her
6	my
7	theirs
8	mine

### **TRANSLATE**

5 Translate the following sentences into your language.

- 1 Virus najde váš adresář a rozešle kopie všem lidem na vašem seznamu. Nyní jsou všechny počítače infikované (nakažené), váš i jejich.
- 2 Čí je to chyba? Vašeho kamaráda (vaší kamarádky)? Vaše?

### **COMPLETE A RULE**

6 Now complete the rule for possessive adjectives and possessive pronouns using:

- 1 adjectives
- 2 pronouns

## **5 The Automobile Industry in the 20th Century**

1 Key words (viz. slovníček)

### **READING**

3 Read the text and answer these questions.

- 1 at the beginning of the 20th century
- 2 he innovated modern mass production techniques

4 Circle the correct word or phrase.

- 1 a
- 2 c
- 3 a
- 4 b

### **VOCABULARY**

5 Match the definitions with the appropriate word or phrase in the text.

- 1 horse
- 2 success
- 3 high income
- 4 improve
- 5 assembly-line

### **GRAMMAR**

6 Complete the sentences with the correct form of the verbs in brackets.

- 1 invented
- 2 was
- 3 began
- 4 built
- 5 established
- 6 made
- 7 sold
- 8 earned/earnt
- 9 paid
- 10 had

## **6 Telemission**

1 Key words (viz. slovníček)

### **READING**

2 Read the article and tick the sentences or phrases you consider the novelties of this operation.

- 1 x – most patients have operations in operating rooms
- 2 x – remote controlled operations are not new
- 3 v – the distance of over 6,400 kilometers was new
- 4 v – organising a broadband transmission with optimised compression was new
- 5 x – computer-assisted surgery is not new

### **VOCABULARY**

3 Tick the words that combine with „tele“ to make up as many words as possible.

telesurgery, teleconference, telecommunications

## TOPICS - The World Today

4 Match the words or phrases 1-4 with a-d.

- |   |   |
|---|---|
| 1 | b |
| 2 | c |
| 3 | a |
| 4 | d |

### GRAMMAR

5 Fill in the blanks with the correct form of the verbs in brackets. Use there is/there are when necessary.

- |    |                       |
|----|-----------------------|
| 1  | did not (didn't) work |
| 2  | people participated   |
| 3  | Did the patient know  |
| 4  | gave                  |
| 5  | saw                   |
| 6  | did you begin         |
| 7  | began                 |
| 8  | know                  |
| 9  | knows                 |
| 10 | is                    |

## 7 Frankenfood

1 Key words (viz. slovníček)

### READING

3 Read the text and mark the paragraphs as follows.

- |   |     |
|---|-----|
| 1 | I   |
| 2 | I   |
| 3 | O   |
| 4 | I-O |
| 5 | O   |
| 6 | I   |
| 7 | I   |
| 8 | I-O |

4 Complete the sentences below.

- |   |                       |
|---|-----------------------|
| 1 | genetically modified  |
| 2 | Frankenstein ... food |
| 3 | dangerous             |
| 4 | c                     |

### VOCABULARY

5 Fill in the blanks with the appropriate words or phrases from the text.

- |   |                      |
|---|----------------------|
| 1 | gene                 |
| 2 | genetically modified |
| 3 | altered              |
| 4 | labels               |

### GRAMMAR

6 This is the part of a letter of complaint to the Sales Manager of South Supermarket. Fill in the blanks.

- |   |               |
|---|---------------|
| 2 | there were    |
| 3 | a lot         |
| 4 | many          |
| 5 | much          |
| 6 | Are there any |
| 7 | Is there any  |

## TOPICS - The World Today

7 Read the shopping list above and fill in the blanks.

- 2 big bar of
- 3 bottles of
- 4 loaves of
- 5 tins of

## **8 Project MAid**

1 Key words (viz. slovníček)

### **READING**

3 Read the text and underline the answers to the questions below.

- 1 Mobility Aid – a self-navigating chair
- 2 identify stationary and moving objects; tell how fast the object moves and in what direction; keep track of the wheelchair's own position and speed
- 3 February 2001
- 4 it was full of passengers
- 5 University of Ulm and NASA

### **VOCABULARY**

4 Match each word with its definition.

- 1 d
- 2 c
- 3 e
- 4 f
- 5 b
- 6 a

### **GRAMMAR**

5 Read the ad (and the text) and complete the sentences with the affirmative or negative form below.

- 1 can
- 2 can't
- 3 does not (doesn't) have to
- 4 Can
- 5 have to

## Consolidation 2

1 Find in the wordsquare: 3 words connected with the automobile industry, 4 with telesurgery, 2 with biotechnology and 2 with robotic chairs.

CONSOLE (line 3, column 4 – E)

LABEL (l.1, c.6 – E)

OPTIC (l.12, c.8 – E)

FIBRE (l.12, c.2 – E)

HORSE POWER (l.5, c.1 – E)

DEMAND (l.7, c.6 – E)

GENE (l.9, c.3 – SE)

DEVICE (l.7, c.6 – S)

SENSOR (l.10, c.7 – E)

SCREEN (l.1, c.12 – S)

MAKE (l.9, c.7 – E)

### GRAMMAR

2 Read the following passage about the history of robots and fill in the blanks with the correct form of the verbs in brackets.

- 1 built
- 2 influenced
- 3 explored
- 4 happened
- 5 gave
- 6 began

3 Use these words to make questions on the passage.

- 1 Who wrote „Frankenstein“?
- 2 When did Mary Shelley write „Frankenstein“?
- 3 What did Dr.Frankenstein do?

4 Complete the passage with can or have to in the correct form.

- 1 can
- 2 can
- 3 don't have to
- 4 Can
- 5 can't

5 Read the passage about the environmental impact of products and circle the right option.

- 1 a lot of
- 2 many
- 3 much or a lot of
- 4 a lot of

### TRANSLATE

6 Translate the following sentences into your language.

- 1 Dnes hodně zpracovaných potravin na trhu obsahuje geneticky upravenou přísadu.
- 2 Biotechnologie je také naděje na léčbu mnoha vážných onemocnění.
- 3 Kolik tuku to mléko obsahuje?

### COMPLETE A RULE

- 1 uncountable nouns
- 2 countable nouns

## 9 The New Factory

1 Key words (viz. slovníček)



**READING**

3 Read the text and fill in the blanks with the correct option.

- 1      b
- 2      a
- 3      c
- 4      a
- 5      c

4 Write the following words or phrases under the correct heading.

TRADITIONAL MANUFACTURING

poor communication

mass production

slow progress

cover all aspects of production

AGILE MANUFACTURING

customised production

„networks“ organization

simpler management

decentralisation

**VOCABULARY**

5 Match each word with its definition.

- 1      b
- 2      a
- 3      e
- 4      c
- 5      d

**GRAMMAR**

6 This is an extract of a letter of complaint from a retailer to the supplier. Fill in the blanks with the verbs in Present Continuous.

- 1      are not getting
- 2      Are ... delivering
- 3      are complaining
- 4      are using
- 5      (are) providing
- 6      are not using
- 7      are moving

## **10 Saving Time and Money**

1 Key words (viz. slovníček)

**READING**

3 Read the text and answer these questions.

- 1      they are characterising the zones, limiting the chemicals and scheduling irrigation
- 2      they add the right amount of treatment at the right time and the right location in the field

3 Say if the following statements are true or false.

- 1      T
- 2      T
- 3      F
- 4      F

**VOCABULARY**

4 Use the words or phrases below to complete sentences 1-3. There are two extra words.

- 1      a) aircraft  
         b) satellite  
         c) croplands
- 2      wavelengths
- 3      schedule irrigation

## TOPICS - The World Today

### GRAMMAR

5 Complete this text with the correct form of the verbs in brackets.

- 1 are watching
- 2 is riding
- 3 pushes
- 4 turns on
- 5 is the monitor showing
- 6 is showing
- 7 collected
- 8 uploaded
- 9 is relaxing
- 10 regulates

## 11 A Flying Elephant?

1 Key words (viz. slovníček)

### READING

3 Read the text, look at the drawings and answer the questions below.

- 1 a
- 2 steam trains  
electric trains  
diesel trains  
maglev trains
- 3 550 kph (340 mph)

### VOCABULARY

4 Read and match phrases 1-3 with a-c.

- 1 b
- 2 c
- 3 a

### GRAMMAR

5 Read this article and complete sentences 1-4 with the comparative form of the adjectives in brackets.

- 1 less expensive
- 2 more difficult
- 3 more costly
- 4 better

## 12 1000 Songs In Your Pocket

1 Key words (viz. slovníček)

### READING

3 Read the text and say if these statements are true or false.

- 1 F
- 2 F
- 3 T
- 4 T
- 5 F

### VOCABULARY

## TOPICS - The World Today

4 What is it? Find answers to the following definitions.

- 1 Firewire cable
- 2 the iPod
- 3 MP3
- 4 the iPod

### GRAMMAR

5 Read this ad and circle the correct option.

- 1 the quickest
- 2 the easiest
- 3 greater
- 4 best
- 5 most
- 6 more
- 7 more
- 8 more
- 9 richer
- 10 most

## Consolidation 3

### VOCABULARY

1 Circle the right option.

- 1 customise
- 2 „Remote sensing“
- 3 schedule
- 4 a track
- 5 download

### GRAMMAR

2 Read part of an ad and an interview with the CEO of Boeing and put the verbs in brackets in present simple or present continuous.

- 1 use/are using
- 2 build
- 3 are working
- 4 makes
- 5 lands
- 6 do you do/are you doing
- 7 are making
- 8 are also making
- 9 Are you making
- 10 do not make
- 11 work

3 Continue with the interview and complete the sentences with the comparative and superlative form of the adjectives in brackets.

- 1 quieter
- 2 cleaner
- 3 more energy efficient
- 4 less polluting
- 5 more economical
- 6 most direct
- 7 shortest

### TRANSLATE

4 Translate the following sentences into your language.

- 1 Protože každá obchodní jednotka pokrývá jen jednu část produkce, vedení společnosti se stává jednodušším.
- 2 Senzory na Landsat 7 a Terra mají lepší prostorové a spektrální rozlišení než dálkové senzory na letadlech.
- 3 MP3 je nejoblíbenější formát ukládání a poslechu hudby na internetové síti.

### COMPLETE A RULE

5 Complete the rule for the comparative and superlative forms of the adjectives.

- 1 comparative
- 2 superlative

## 13 The Green Machine

1 Key words (viz. slovníček)

### READING

3 Read the text and check your answers in Ex.2.

- 1 b
- 2 c

4 Circle the right options. You can circle more than one option.

- 1 c
- 2 b
- 3 b

### VOCABULARY

5 Complete the missing letters in this puzzle with words from the text and find the hidden word.

BEER  
EMISSION  
OUTPUT  
GROW  
FEED  
INPUT  
WASTE  
RESOURCES  
LAUNCH  
BREWERY    ENTREPRENEUR

### GRAMMAR

6 Read this text from the Sakod & Sakai Laboratory, at the University of Tokyo, and circle the correct option.

- 1 pay
- 2 are going to focus
- 3 lead
- 4 are going to establish
- 5 are going to convert
- 6 are going to develop

## 14 What's in the Future?

1 Key words (viz. slovníček)

### READING

3 Read the text and choose the topic a-f that matches each paragraph 1-5. There is one extra topic.

- |   |   |
|---|---|
| b | 5 |
| c | 3 |
| d | 4 |
| e | 2 |
| f | 1 |

### VOCABULARY

4 Find the words or phrases in the text that match the definitions 1-5.

- |   |                   |
|---|-------------------|
| 1 | fibre optic cable |
| 2 | database          |
| 3 | pipe              |
| 4 | surgery           |
| 5 | microprocessor    |

### GRAMMAR

5 Read this article from the New Scientist and fill in the blanks with the future form of the verbs in brackets.

- |   |                        |
|---|------------------------|
| 1 | will provide           |
| 2 | will have to stand     |
| 3 | will you have to stand |
| 4 | will have              |
| 5 | will generate          |
| 6 | will provide           |
| 7 | will be                |
| 8 | won't have to plug in  |

## 15 Is It Time for Nuclear Power?

1 Key words (viz. slovníček)

### READING

3 Read the text and match phrases 1-4 with gaps a-d in the text.

- |   |   |
|---|---|
| 1 | b |
| 2 | d |
| 3 | a |
| 4 | c |

4 The following statements relate to one or more of these categories. Tick the right column(s) in the table below.

- |   |                         |
|---|-------------------------|
| 2 | technology, environment |
| 3 | politics, environment   |
| 4 | economics               |
| 5 | technology              |

### VOCABULARY

5 Match phrases 1-5 with a-e to form sentences.

- |   |   |
|---|---|
| 1 | e |
| 2 | d |
| 3 | a |
| 4 | c |
| 5 | b |

**GRAMMAR**

6 Read the newspaper article and fill in the blanks with the correct form of the verbs in brackets.

- 1 began
- 2 grew up
- 3 need
- 4 watch
- 5 have turned off

**16 Knowledge Management**

1 Key words (viz. slovníček)

**READING**

3 Read the text again and choose the correct answer.

- 1 b
- 2 b
- 3 a
- 4 b

**VOCABULARY**

4 Complete the sentences with words or phrases from the text.

- 1 massive (Ex. 3)
- 2 know-how
- 3 valuable
- 4 tool

**GRAMMAR**

5 Use the Present Perfect form of the verbs in brackets.

- 1 has been
- 2 have produced
- 3 have grown
- 4 (have) become
- 5 have we grown
- 6 have delivered
- 7 (have) invested
- 8 have established
- 9 have not (haven't) tried
- 10 have tried

**Consolidation 4**

**VOCABULARY**

1 Write the words below in the appropriate network. Some words can be in more than one network.

THE GREEN MACHINE  
waste  
recycle  
resource entrepreneur  
sources

THE FUTURE  
chips  
database  
pipe  
real-time

## TOPICS - The World Today

### ENERGY CRISIS

power  
supplies  
fuel  
sources

### KNOWLEDGE MANAGEMENT

know-how  
expertise  
employee  
strategic thinking

## GRAMMAR

2 Read the following e-mail about the deforestation of the Amazon and fill in the blanks with the correct form of the verbs in brackets.

- |   |               |    |                             |
|---|---------------|----|-----------------------------|
| 1 | received      | 8  | had/have already deforested |
| 2 | sent          | 9  | abandoned                   |
| 3 | said          | 10 | is                          |
| 4 | is now voting | 11 | are now                     |
| 5 | will reduce   | 12 | will also release           |
| 6 | will use      | 13 | will get                    |
| 7 | will sell     | 14 | send                        |

3 Read this interview with Dong Tao, senior economist with Credit Suisse First in Hong Kong and circle the correct option.

- |    |                  |    |                    |
|----|------------------|----|--------------------|
| 1  | both are correct | 11 | are going to use   |
| 2  | largest          | 12 | its                |
| 3  | has played       | 13 | Taiwan's           |
| 4  | many             | 14 | are going to build |
| 5  | shut down        | 15 | Some               |
| 6  | its              | 16 | most               |
| 7  | its              | 17 | world's            |
| 8  | went up          | 18 | biggest            |
| 9  | have invested    | 19 | both are correct   |
| 10 | their            |    |                    |

4 Translate the following sentences into your native language.

- 1 Právě oznámili své záměry postavit nové továrny.
- 2 Dokončili poslední jadernou elektrárnu v roce 1996.
- 3 V uplynulých 25 letech nenastala lepší doba pro jadernou energii.
- 4 Jaderný odpad byl vždy problémem.

## COMPLETE A RULE

5 Fill in the blanks with past simple or present perfect.

- 1 past simple
- 2 present perfect