

UNIT TEST 9

SECTION A: GRAMMAR

1 Complete the article with the correct active or passive form of the verbs in brackets.

On 27 August 1883 the Pacific island of Krakatoa  
 1 \_\_\_\_\_ (destroy) when the volcano  
 2 \_\_\_\_\_ (erupt). Thousands of people  
 in nearby islands 3 \_\_\_\_\_ (kill) by the  
 massive tsunami caused by the eruption. For many  
 decades now, scientists 4 \_\_\_\_\_  
 (monitor) volcanoes around the world and early  
 warning systems 5 \_\_\_\_\_ (develop).  
 However, although these systems save lives, nothing  
 can stop the disruption that 6 \_\_\_\_\_  
 (cause) by eruptions. The eruption of Eyjafjallajökull  
 in Iceland in 2010 was smaller than the one in  
 Krakatoa, but most air travel across Europe had  
 to 7 \_\_\_\_\_ (cancel) due to the  
 volcanic ash. Currently, there is still a large  
 amount of seismic activity in Iceland, but  
 experts believe that it could soon  
 8 \_\_\_\_\_ (use) to  
 provide cheaper and cleaner  
 energy to our homes.

\_\_\_/8

2 Complete the text with *a, an, the* or *–* (no article).

1 \_\_\_\_\_ Kingdom Tower in Jeddah, Saudi Arabia,  
 is 2 \_\_\_\_\_ amazing building, which is set to become  
 3 \_\_\_\_\_ world's tallest when it is completed. It  
 will be one kilometre high and will house offices.  
 There will also be 4 \_\_\_\_\_ space for apartments.  
 It will also provide the central focus for 5 \_\_\_\_\_  
 new city along 6 \_\_\_\_\_ Red Sea Coast. However,  
 it probably won't be long before 7 \_\_\_\_\_ taller  
 building is built.

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SECTION B: VOCABULARY

3 Complete the email with the words in the box.

did found did meet made test made

New email SEND

We have to 1 \_\_\_\_\_ very tight deadlines  
 on this new project. As you know, we ran into  
 a stability problem when we 2 \_\_\_\_\_  
 the safety tests with the machine two weeks  
 ago. However, Henrik seems to have  
 3 \_\_\_\_\_ a solution to this problem. His  
 team 4 \_\_\_\_\_ lots of research and came  
 up with the theory that we needed to use  
 heavier material. They have 5 \_\_\_\_\_  
 another prototype already, to 6 \_\_\_\_\_  
 that theory, so, fingers crossed, we've finally  
 7 \_\_\_\_\_ the breakthrough we need.

\_\_\_/7

4 Choose the correct words to complete the text.

In February 2013 a ten-ton 1 *probe / meteor / orbit*  
 entered the Earth's atmosphere and zoomed across  
 the sky above the Ural Mountains in Russia. Two  
 2 *meteorites / planets / aliens* were discovered near  
 Chebarkul, and one had left a six-metre-wide crater.  
 It must have looked like an alien 3 *collision / invasion*  
 / *extinction*: everything went very bright and there  
 was a loud roar – like that of an aircraft.  
 Scientists now believe that the 4 *collision / invasion*  
 / *extinction* of dinosaurs was the result of a similar  
 event on a much larger scale. They are researching  
 ways to 5 *deflect / collide / defend* other space objects  
 from hitting the Earth. Some people fear that  
 these objects may bring bacteria and infectious 6  
*demonstrations / vaccines / diseases* to our planet and  
 that the superbugs we see today may not be caused  
 by overuse of antibiotics, but by asteroids. Another  
 fear is that they are affecting our climate, causing  
 severe 7 *droughts / collisions / overpopulation* and so  
 on. However, it is more likely that an 8 *earthquake /*  
*extinction / invasion* will do more damage than an  
 asteroid in our lifetimes.

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**SECTION C: INTEGRATED SKILLS**

**5** Read the article and tick (✓) four false statements.

**The Millau Viaduct**

The Millau Viaduct across a valley in southwest France is perhaps one of the greatest engineering projects of the first decade of the 21st century, setting new standards in planning and design. Completed in 2004, it took three years to build, using eight sections which were constructed away from the final site. It has a total length of 2,460 metres. It is the tallest bridge structure in the world, being 277 meters high, rising to 335 metres at the highest point. It is also the largest bridge of its type in Europe. Although it was completed in only three years, the planning had begun long before work started in 2001. The first design was created in 1991, after which it was refined several times. It was designed to look as delicate as possible, using the minimum amount of material.

- 1 Engineers spent a decade building the Millau Viaduct.
- 2 The bridge was totally constructed on the site.
- 3 No other bridge is taller than the Millau Viaduct.
- 4 The tallest part of the bridge is 277 metres.
- 5 It is the biggest bridge of its kind in Europe.
- 6 The first design was in the early 90s.
- 7 The design was modified once it was accepted.
- 8 The design made it possible to use as little material as possible.

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**6** Number the sentences (a-f) in the correct order (1-6).

**Iron production**

- A Once it is extracted, the ore is broken into smaller pieces and sorted according to the amount of iron it contains. If it contains less than 60 percent, then it will be refined (a process known as 'beneficiation').
- B The melted iron then sinks to the bottom and the rocks and impurities, known as 'slag', float to the top.
- C After the sorting process, the ore goes into the top of the blast furnace.
- D Iron ore, a soft, greyish-white metal, is extracted from the ground mainly through a process known as 'open pit mining'.
- E Hot air is then blasted into the furnace from the bottom, forming carbon monoxide, which then reacts with the iron ore to create carbon dioxide and pure iron.
- F The liquid iron on the bottom flows from the furnace onto a bed of sand, where it cools and is now known as 'pig iron'.

- 1 —
- 2 —
- 3 —
- 4 —
- 5 —
- 6 —

/6

Total: /40