# Unit Test 2

Answer all the questions. There is one mark per question.

language

1 Complete the sentences with the words in brackets in the correct form.

1 Teflon \_\_\_\_\_\_\_\_\_\_ (often add) to pans to provide a non-stick surface for cooking and frying.

2 Solar panels \_\_\_\_\_\_\_\_\_(originally invent) to provide solar power for satellites.

3 Fire-proof fabrics \_\_\_\_\_\_\_\_\_(first develop) to protect astronauts from fires on spacecraft.

4 Fireproof fabrics \_\_\_\_\_\_\_\_\_(now commonly use) to protect fire-fighters on Earth.

5 Smoke detectors \_\_\_\_\_\_\_\_\_\_(now install) in many homes.

2 There is an error in each line. Underline the error and write the correction at the end of the line.

6 Many products which we take for granted today are originally developed ­­­\_\_\_

7 by NASA. TV satellite dishes work better today thanks to NASA find \_\_\_

8 ways to correct errors in the signals come from spacecraft. The \_\_\_

9 technology is used to reducing noise in TV signals coming from \_\_\_

10 satellites. Some techniques which were developed for process space \_\_\_

11 pictures are now using to examine eyes of children to discover if they \_\_\_

12 have any vision problems. Another technology, which is developed to \_\_\_

13 detected the birth of stars, has been used to create the ear thermometer \_\_\_

14 using a lens which detects infrared energy for tell the temperature of \_\_\_

15 our body. Ski boots have accordion-like folds allow them to flex yet \_\_\_

still give good support and control.

3 Complete the sentences using one word from each box.

|  |  |
| --- | --- |
| ought/needs/need/must/should | ability/capability/capable/capacity/able |

16 It \_\_\_\_\_\_\_\_\_\_ to be \_\_\_\_\_\_\_\_\_\_ of reducing the user’s weight by 80%.

17 It \_\_\_\_\_\_\_\_\_\_ have the \_\_\_\_\_\_\_\_\_\_ to process hundreds of thousands of pages in parallel every second.

18 The smoke detector \_\_\_\_\_\_\_\_\_\_ have the \_\_\_\_\_\_\_\_\_\_ of detecting smoke optically.

19 The equipment \_\_\_\_\_\_\_\_\_\_ to have both the \_\_\_\_\_\_\_\_\_\_ to cut into rock and to melt it.

20 We \_\_\_\_\_\_\_\_\_\_ to be \_\_\_\_\_\_\_\_\_\_ to solve problems as quickly as possible.

vocabulary

4 Complete the dialogue with a word from the box.

|  |
| --- |
| focus/sense/suggest/kick/thoughts/dead |

A: Right. We need to brainstorm some ideas for the new roofing fabric. Who’d like to (21) \_\_\_\_\_\_\_\_\_\_ off?

B: Well, I’d (22) \_\_\_\_\_\_\_\_\_\_ that it’s got to be lightweight.

C: You’re (23)\_\_\_\_\_\_\_\_\_\_ right. And it needs to be durable and very strong.

A: Good, let’s (24) \_\_\_\_\_\_\_\_\_\_ on safety for a minute. Any (25) \_\_\_\_\_\_\_\_\_\_ on that?

B: It has to have a high melting point. Why don’t we specify over 650º Celsius? C: Yes. That makes (26) \_\_\_\_\_\_\_\_\_\_ .

5 Complete the sentences with a word formed form the word in capitals at the end.

27 The inflatable bag is totally \_\_\_\_\_\_\_\_\_\_ so that it can be used with people of varying weights. (ADJUST)

28 The \_\_\_\_\_\_\_\_\_\_ speed variation should be 0.5 kph. (INCREMENT)

29 Unfortunately we do not have \_\_\_\_\_\_\_\_\_\_ funds to make another prototype. (SUFFICE)

30 There must be no \_\_\_\_\_\_\_\_\_\_ on the movement of the limbs. (CONSTRAIN)