

**English comprehension test**  
**“Solar tower pilot plant”**

Source :

<http://www.youtube.com/watch?v=C-EvV90MeDY> (Enviro Misson Limited)

- 1) Who does the journalist refer to at the beginning ? **0,5 pt**  
.....
- 2) Do you know why ? **bonus (1 pt)**  
.....
- 3) Where is the journalist precisely ? **1 pt**  
.....
- 4) In this region, the beautiful countryside is now used for ..... and growing ..... and ..... **0,5 pt**
- 5) What does this extraordinary power plant produce electricity from ? **0,5 pt**  
.....
- 6) From which country does it come ? **0,5 pt**  
.....
- 7) In which country was that built ? **0,5 pt**  
.....
- 8) What is the basic principle ? **0,5 pt**  
.....
- 9) As ..... heats the air underneath the ....., ..... seeks and ..... the only way upwards and out. As it does so, it turns a ..... That generates ..... **1,25 pt**
- 10) The collector area is made of ..... ha of ....., held in position and pulled by ....., to keep all tight. **1 pt**
- 11) Why must we keep all tight like that ? **1 pt**  
.....
- 12) During the day, what is the temperature of the air ? **0,25 pt**  
.....
- 13) What is the consequence of that ? **0,5 pt**  
.....
- 14) What's interesting also about this power plant ? **1 pt**  
.....
- 15) What happens during the day as for the ground ? And what is the result at night ? **1,5 pt**  
.....
- 16) The plastic is ..... mm ..... It is very ..... It transmits ..... and it is resistant to ..... that tend to degrade ..... **1,5 pt**
- 17) What is approximately the life of these sheets of plastics ? **0,5 pt**  
.....
- 18) What surprised the builders of the chimney ? **1 pt**  
.....
- 19) Explain this phenomenon. **1 pt**

.....  
.....  
20) What does the chimney look like (give figures) ? **1 pt**  
.....  
.....

21) The .... Blades can be adjusted while the ..... is turning to maintain a ..... speed which is about ..... km/h. The maximum power delivered by this plant is ..... kW, which is not much, but despite its ....., it was ..... In Spain for no more than ... million US dollars. Therefore, it is an ..... proposition. **2,25 pts**

22) The ..... the chimney, that is to say the ..... and the ..... the diameter, the ..... the efficiency and the ..... the power output that can be generated. **1,25 pt**

23) What is the unbeatable advantage of this plant ? It is an ..... source of ..... and ..... energy : the ..... **1 pt**

<b>TOTAL : ...../20</b>
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