

ANSWER KEY

- I. A. **(02 marks)**
1. a better use of hydrogen to drive cars.
 2. operations ranging from refuelling to switching between fuel
 3. The fact that hydrogen contains more energy for its mass than petrol but it also weighs a lot less
 4. the digitally choreographed checking for leaks
- B. **(02,5 marks)**
5. the need for a greater volume of hydrogen to power the car
 6. the sealing of the area around the nozzle
 7. the keeping of hydrogen at – 253°C
 8. automatic docking procedure between nozzle and tank
 9. digitally choreographed check for leaks
- C. **(01 mark)**
10. Hydrogen holds out hope as an alternative fuel to petrol for transport because there is plenty of it....when it is burned.
 11. That energy itself must be produced in ways that do not emit greenhouse gases for hydrogen to be a truly green fuel
- D. **(02 marks)**
12. False “of course, the range of the car is greater than this”
 13. False “the idea is to give drivers the chance of when to use which fuel”
- E. **(0, 5 x 3) = (01,5 mark)**
14. hybrid cars
 15. BMW
 16. one
- II **(0,75) x 2 =(02 marks)**
- F. 17. He was made to wait
18. He may leave very soon
- G. 19. b) with
20. b) in case
21. b) none
22. c) would cut
- H. **(01 mark)**
23. what range of operations does a computer manage ?

III WRITING