Band 5/6 - Sample 2 -1-**Ouestion 23** Start here for Question Number: 23 a) Data Validation techniques have been used to ensure date is inputed in the correct Sermat and accurely. This insures that the data integrity is of highest possible quality. On specific example would be drop down menues which make sure user inputs data in the conect Sermat. h) Carbon Footprind Calculator have used the screen elements in Question 3 and 7 as it gives the user specific chicles to make. These are set kind of like radial buttens which after a specific one or the other choice. When asking the size of garbage his used each user may have a different interpretation of what is ronsidued lots or big. The by choosing a specific selection it takes out the new interpretation and keeps everything constant. By dicking on the people to choose Samily members it takes away the risk of inputting the wrong number accidentally. () P.T.O (page 3) The example prositions a different graph for each heading allowing the user to easily see how their tite style effects Shir Carbon Footprint Solutions are provided underneally the graphs to make suggestions to cut down their emission

HSC 2010 - Information Processes and Technology

HSC 2010 - Information Processes and Technology Band 5/6 - Sample 2 - 2 -Question 23 STATE -HOUSE TYPE Transport 1001 Excuse Hold Hueracic 10 64 HOL anno 5 Auchallan Your Your Augengi Austalian Your Average Emission Emission Carbon Footpart Solution s down cut ho your Carbon Footprint Calculator would need access date containg information on the average han a datatase thistration (arton Footprint. This would incolve converting information which can be upourd The in to b. User. also include making sure Shad The date ward is verified and deemed collected To accurate he Additional writing space on back page. Office Use Only - Do NOT write anything, or make any marks below this line.

HSC 2010 - Information Processes and Technology Band 5/6 - Sample 2 Question 23

I CADDONI COOTDDINTE DESINTS
Bock To Cakulator Bock To Cakulator ARBON FOOTRRINTS RESULTS
(smus)
J. J
9
Heischold Transport Australian, Vour Total Total Total Aderagy
Way You can cut your emissions:
•
This examples has an additional 'result' added as Total Cartan Footpind' which is calculated by cedding the Transport' and 'Itonse hold' totals. This will allow the user to see how thee
compan to the average Australian. Undernach has suggested
solutions with will why the wars different ways they can reduce their emission.

You may ask for an extra Writing Booklet if you need more space to answer question 23.

- 3 -