

## **APPENDIX A**

### **Questionnaire in English**

#### **Behavior of Bangkok Undergraduate University Students in Using Plastic Bags**

This questionnaire is part of an independent study required for the Master of Arts Degree: English for Careers, Language Institute, Thammasat University. The questionnaire is designed to explore the behavior in using plastic bags among undergraduate university students in Bangkok. The data acquired will be used for educational research and all information will be kept confidential. The researcher is grateful to you for devoting your valuable time to complete it.

#### **Directions:**

Please mark ✓ in ○ that matches your answer the most.

#### **PART 1: DEMOGRAPHIC INFORMATION**

##### **1. The university you are studying at**

- ☐ Thammasat University                      ☐ Chulalongkorn University  
☐ Silpakorn University

##### **2. The faculty you are studying in (Please specify) .....**

##### **3. Year of Study (Please specify) .....**

##### **4. Gender**

- ☐ Male    ☐ Female

##### **5. Estimated monthly income or allowance**

- ☐ 5,000 baht or less                      ☐ 5,001-10,000 baht  
☐ 10,001-15,000 baht                      ☐ 15,001-20,000 baht  
☐ More than 20,000 baht

**6. Estimated daily expense**

- ☐ 100 baht or less                      ☐ 101-200 baht  
☐ 201-300 baht                      ☐ More than 300 baht

**PART 2: KNOWLEDGE AND UNDERSTANDING OF PLASTIC BAGS AND GLOBAL WARMING**

**7. Plastic bags are made from**

- ☐ Petroleum                      ☐ Metal  
☐ Plant                      ☐ Others (Please specify) .....

**8. The time it takes for plastic bags to degrade**

- ☐ Less than 3 years                      ☐ 3-10 years  
☐ Decades                      ☐ Centuries  
☐ Non-biodegradable

**9. When plastic bags are being burnt, the gas (gases) that will arise is (are) (more than one answer allowed)**

- ☐ Carbon monoxide (CO)                      ☐ Carbon dioxide (CO<sub>2</sub>)  
☐ Oxygen (O)                      ☐ Nitrogen (N)  
☐ Chlorofluorocarbon (CFC)                      ☐ Others (Please specify) .....

**10. Global warming occurs due to the gathering of gas (gases) in the atmosphere, which is (are) (more than one answer allowed)**

- ☐ Carbon monoxide (CO)                      ☐ Carbon dioxide (CO<sub>2</sub>)  
☐ Methane (CH<sub>4</sub>)                      ☐ Nitrogen (N)  
☐ Chlorofluorocarbon (CFC)                      ☐ Others (Please specify) .....

**PART 3: RESPONDENT BEHAVIOR IN USING PLASTIC BAGS**

**11. Approximate number of plastic bags you use each day**

- ☐ Less than 3                      ☐ 3-5  
☐ More than 5

**12. When buying merchandise from the sellers, you use plastic bags to carry the goods**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| <input type="radio"/> Always    | <input type="radio"/> Frequently |
| <input type="radio"/> Sometimes | <input type="radio"/> Rarely     |
| <input type="radio"/> Never     |                                  |

**13. While going shopping, you prepare other carriers such as paper bags, cloth bags, used plastic bags or other things that are reusable instead of receiving new plastic bags from the sellers**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| <input type="radio"/> Always    | <input type="radio"/> Frequently |
| <input type="radio"/> Sometimes | <input type="radio"/> Rarely     |
| <input type="radio"/> Never     |                                  |

**14. When buying merchandise and the sellers are going to put such goods into the plastic bags, you see that there is no need to use the plastic bags because the merchandise can be carried without using the plastic bags or you have other carriers instead of the plastic bags; the respondents deny using the plastic bags**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| <input type="radio"/> Always    | <input type="radio"/> Frequently |
| <input type="radio"/> Sometimes | <input type="radio"/> Rarely     |
| <input type="radio"/> Never     |                                  |

**15. When buying merchandise and the sellers have already put such goods into the plastic bags, you see that there is no need to use the plastic bags because the merchandise can be carried without using the plastic bags or you have other carriers instead of the plastic bags; you deny using the plastic bags and ask the sellers to take back such bags**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| <input type="radio"/> Always    | <input type="radio"/> Frequently |
| <input type="radio"/> Sometimes | <input type="radio"/> Rarely     |
| <input type="radio"/> Never     |                                  |

**16. Your actions after using plastic bags**

- ☐ To burn
- ☐ To dispose
- ☐ Others (Please specify) .....
- ☐ To bury
- ☐ To keep for reuse later

**17. After using plastic bags; you see that such plastic bags are reusable, the respondents will save the plastic bags for later use**

- ☐ Always
- ☐ Sometimes
- ☐ Never
- ☐ Frequently
- ☐ Rarely

**18. In the past, you used to litter with plastic bags at places not arranged for waste keeping**

- ☐ Always
- ☐ Sometimes
- ☐ Never
- ☐ Frequently
- ☐ Rarely

**19 Your action after using the plastic bags and having no desire to use such bags any more**

- ☐ To litter with plastic bags right there and go away without caring
- ☐ To litter with plastic bags at any places that cannot be seen by others
- ☐ To place at the garbage pile
- ☐ To dispose of properly in litter bins or at places which are arranged for waste disposal
- ☐ Others (Please specify) .....

**20. Your action after using the plastic bags and having no desire to use such bags any more. In the condition there appear to be neither litter bins nor the places for disposal nearby**

- ☐ To litter with plastic bags right there and go away without caring
- ☐ To litter with plastic bags at any places that cannot be seen by others
- ☐ To place at the garbage pile

- ☐ To keep the plastic bags and dispose of properly in litter bins or at places arranged for disposal later
- ☐ Others (Please specify) .....

**21. Your action after using the plastic bags and having no desire to use such bags any more. Conditionally, you want to dispose of the plastic bags in litter bins or at places arranged for disposal; however, the first litter bin or place arranged for disposal is extremely full and there is garbage spilling around**

- ☐ To leave the plastic bags there anyway
- ☐ To head to another place
- ☐ Others

**22. The action when you find the plastic bags being littered improperly**

- ☐ To be unconcerned
- ☐ To litter with plastic bags at any places that cannot be seen by others
- ☐ To place at the garbage pile
- ☐ To dispose of those plastic bags properly in litter bins or at places arranged for disposal if it's not difficult to do so
- ☐ To dispose of those plastic bags properly in litter bins or at places arranged for disposal no matter how difficult
- ☐ Others

**23. Additional suggestions: .....**

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Thank you for your kind cooperation.