

**INSTITUTE OF BIOLOGICAL SCIENCES  
FACULTY OF SCIENCE**

**Thesis Topic: E-WASTE MANAGEMENT IN INSTITUTIONS OF HIGHER LEARNING IN MALAYSIA**

**Public Awareness Questionnaire**

**Note:** *the answers provided in this questionnaire will be purely for academic purposes and meant to help the candidate to write his thesis for a Master of Technology degree in Environmental Management. Your response will be given the upmost confidentiality. Thus your prompt and honest responses will be highly appreciated.*

**General Information (Please tick next to your answer)**

1.	<b>Gender / jantina</b>	<input type="checkbox"/> Male / lelaki		<input type="checkbox"/> Female / perempuan	
2.	<b>Nationality / kewarganegaraan</b>	<input type="checkbox"/> Malaysian		<input type="checkbox"/> Non Malaysian	
3.	<b>Race / Bangsa</b>	<input type="checkbox"/> Malay	<input type="checkbox"/> Chinese	<input type="checkbox"/> Indian	<input type="checkbox"/> Other (specify) _____
4.	<b>Age / umur</b>	<input type="checkbox"/> Less than 20	<input type="checkbox"/> 21 – 25	<input type="checkbox"/> 26 – 30	<input type="checkbox"/> 31 – 35
				<input type="checkbox"/> 36 – 40	<input type="checkbox"/> More than 40
5.	<b>Occupation / pekerjaan</b>	<input type="checkbox"/> Student / pelajar		<input type="checkbox"/> Lecturer / pensyarah	
				<input type="checkbox"/> University Staff / Kakitangan Universiti	
6.	<b>Education / Pendidikan</b>	<input type="checkbox"/> Primary School sekolah rendah	<input type="checkbox"/> Secondary school sekolah menengah	<input type="checkbox"/> STPM/Diploma STPM / Diploma	<input type="checkbox"/> Degree ijazah
				<input type="checkbox"/> Master/PHD Sarjana / PHD	<input type="checkbox"/> No Education Tiada pendidikan
7.	<b>Residence / Kediaman</b>	<input type="checkbox"/> On campus housing / Dalam kampus		<input type="checkbox"/> Off campus housing / Luar kampus	
				<input type="checkbox"/> Private Accommodation / Penginapan swasta	

**E-waste Awareness Information (Please tick next to your answer)**

8.	What type of electronic products do you have in your house and state the quantity (No. of Products)? <i>Apakah jenis produk elektronik yang ada di rumah anda dan nyatakan kuantiti (Bilangan produk)? Multiple Choice</i>	
	<input type="checkbox"/> Television ( )	<input type="checkbox"/> Computer ( )
	<input type="checkbox"/> DVD/CD Player ( )	<input type="checkbox"/> Air Conditioner ( )
	<input type="checkbox"/> Printer/Copier ( )	<input type="checkbox"/> Refrigerator ( )
	<input type="checkbox"/> Mobile Phone ( )	<input type="checkbox"/> Others (please specify)
9.	What is the lifespan of your electronic products (No. of years)? <i>Multiple Choice</i> <i>Apakah jangka hayat produk elektronik anda (Bil. tahun)?</i>	
	<input type="checkbox"/> Television ( )	<input type="checkbox"/> Computer ( )
	<input type="checkbox"/> DVD/CD Player ( )	<input type="checkbox"/> Air Conditioner ( )
	<input type="checkbox"/> Printer/Copier ( )	<input type="checkbox"/> Refrigerator ( )
	<input type="checkbox"/> Mobile Phone ( )	<input type="checkbox"/> Others (please specify)
10.	Have you discarded any of these electronic products in the past 2 years? <i>Adakah anda telah membuang mana-mana produk-produk elektronik dalam masa 2 tahun yang lalu?</i>	Yes Ya <input type="checkbox"/> / No Tidak <input type="checkbox"/>
11.	What do you do with the electrical or electronic equipment when it is no longer useful? <i>Apa yang anda lakukan dengan peralatan elektrik atau elektronik apabila ia tidak digunakan lagi?</i>	
	<input type="checkbox"/> Store in own premises / <i>Simpan di premis sendiri</i>	<input type="checkbox"/> Return to the seller (take-back) / <i>Kembalikan kepada penjual (ambil-kembali)</i>
	<input type="checkbox"/> Throw in Waste Bin / <i>Buang ke dalam tong sampah</i>	<input type="checkbox"/> Trade in for a reduction on the price of new equipment / <i>Menukar peralatan lama untuk pengurangan harga peralatan baru</i>
	<input type="checkbox"/> Give or Sell them to a recycler / <i>Memberi atau Jual mereka untuk recycler</i>	<input type="checkbox"/> Other (please specify) / <i>Lain-lain (sila nyatakan)</i>
	<input type="checkbox"/> Donate to family, schools, employees, friends / <i>Menderma kepada ahli keluarga, sekolah, pekerja, rakan-rakan</i>	
12.	In what condition was the electric/electronic equipment when you discarded it? <i>Apakah keadaan peralatan elektrik / elektronik apabila anda buang?</i>	
	<input type="checkbox"/> Broken and fixable / <i>Rosak dan boleh diperbaiki</i>	<input type="checkbox"/> In working condition / <i>Masih berfungsi</i>
	<input type="checkbox"/> Broken and not fixable / <i>Rosak dan tidak boleh diperbaiki</i>	<input type="checkbox"/> Other (please specify) / <i>Lain-lain (sila nyatakan)</i>
13.	Are you aware that some electronic parts may be profitably recycled? <i>Adakah anda sedar bahawa beberapa bahagian elektronik boleh dikitar semula?</i>	Yes Ya <input type="checkbox"/> / No Tidak <input type="checkbox"/>
14.	Do you know what e-waste is? <i>Adakah anda tahu apa itu e-sisa?</i>	Yes Ya <input type="checkbox"/> / No Tidak <input type="checkbox"/>
15.	Are you aware of e-waste recycling? <i>Adakah anda sedar tentang kitar semula e-sisa?</i>	Yes <input type="checkbox"/> / No <input type="checkbox"/>

16.	Have you seen any e-waste collection centers or recyclers near your University/College area? <i>Pernahkah anda melihat mana-mana pusat pengumpulan e-sisa atau pengitar semula berhampiran Universiti / Kolej kawasan anda?</i>	Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>			
17.	Do you think recycling could reduce the amount of e-waste in the near future? <i>Pada pendapat anda, adakah kitar semula dapat mengurangkan jumlah e-sisa dalam masa terdekat?</i>	Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>			
18.	What do you think about the level of e-waste disposal in your Universities? <i>Pada pendapat anda apakah tahap pelupusan e-sisa di Universiti / Kolej anda?</i>					
	<input type="checkbox"/> Low / rendah	<input type="checkbox"/> High / tinggi				
	<input type="checkbox"/> Moderate / sederhana	<input type="checkbox"/> No idea / tidak tahu				
18.	What do you think about the current situation on disposal of electronic waste/products in Malaysia? <i>Pada pendapat anda apakah situasi semasa untuk pelupusan bahan/produk elektronik di Malaysia?</i>					
	<input type="checkbox"/> Low / rendah	<input type="checkbox"/> High / tinggi				
	<input type="checkbox"/> Moderate / sederhana	<input type="checkbox"/> No idea / tidak tahu				
19.	Would you pay for the cost of collection of you electronic waste products? <i>Adakah anda akan membayar kos pengutipan sisa elektronik?</i>	Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>			
20.	Would you give away your electronic waste products for free? <i>Adakah anda akan memberikan produk-produk sisa elektronik anda secara percuma?</i>	Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>			
21.	Are you aware of any environmental hazards caused by electronic waste? <i>Adakah anda sedar bahaya alam sekitar yang disebabkan oleh sisa elektronik?</i>	Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>			
23.	What environmental hazards do you know of caused by electronic waste? (please specify) <i>Bahaya alam sekitar apa yang anda tahu yang disebabkan oleh sisa elektronik? (sila nyatakan)</i>					
24.	Would you be interested to learn more about e-waste & how to minimize environmental impact of e-waste? <i>Anda akan berminat untuk mengetahui lebih lanjut mengenai e-sisa dan bagaimana untuk mengurangkan kesan e-sisa terhadap alam sekitar?</i>	Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>			
25.	If <b>YES</b> , what would be your favoured method? (multiple choices) <i>Jika YA, apa kaedah yang digemari anda? (aneka pilihan)</i>					
	<input type="checkbox"/> Open seminar / seminar terbuka	<input type="checkbox"/> Education programs / program pendidikan				
	<input type="checkbox"/> Brochures / brosur	<input type="checkbox"/> Mass media / media massa				
	<input type="checkbox"/> Exhibitions / pameran	<input type="checkbox"/> Other (please specify) / Lain-lain (sila nyatakan)				
Questions below are ranked from <b>Level 1-Level 5</b> . Please tick at appropriate level accordingly. <b>Level 1:</b> Strongly disagree; <b>Level 2:</b> Disagree; <b>Level 3:</b> Not sure; <b>Level 4:</b> Agree; <b>Level 5:</b> Strongly agree						
26.	Malaysian public are not willing to separate their waste (plastic /paper / metal). <i>Orang awam tidak bersedia untuk mengasingkan sisa buangan mereka (plastik / kertas / logam)</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27.	Malaysian public throw their electronic waste products in the bin together with general waste. <i>Orang awam membuang sisa buangan elektronik mereka ke dalam tong bersama-sama dengan sisa am.</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28.	Malaysian public do not know that some parts of electronic products are toxic or hazardous. <i>Orang awam tidak tahu bahawa beberapa bahagian produk elektronik adalah toksik atau berbahaya.</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29.	Malaysian public are NOT aware of environmental pollution caused by discarded electronic products. <i>Orang awam TIDAK sedar produk elektronik yang dibuang boleh menyebabkan pencemaran alam sekitar</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.	Recycling of electronic products reduces environmental impacts. <i>Mengitar semula produk elektronik mengurangkan kesan terhadap alam sekitar.</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.	E-waste recycling creates new businesses & jobs. <i>Kitar semula E-sisa mewujudkan perniagaan baru &amp; pekerjaan.</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32.	Electronic waste products collection centre should be set up in universities/colleges. <i>Pusat pengumpulan sisa produk elektronik perlu ditubuhkan di universiti / kolej</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33.	E-waste awareness programmes should be promoted in universities/colleges. <i>Program kesedaran E-sisa harus digalakkan di universiti / kolej</i>	1	2	3	4	5
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Thank you for participating in the survey.