

 Universiti Malaysia PAHANG <small>Engineering • Technology • Creativity</small>	Name	:	_____
	ID No.	:	_____
	Group	:	_____
	Section	:	_____
	Submission date	:	_____
Assignment No.	:	1	
Duration	:	1 day	
Total Marks	:	100	

Answer the following questions

1. Look around your area and list down 10 products for each metals, ceramics, and polymers.
(30 Marks)
2. By referring to the 4 components of materials, give example of two different products with different properties and performance, yet it came from the same material. Explain it by referring to their processing and structure. **(40 Marks)**
3. Aluminum, glass and plastic are materials that currently used as container for carbonated beverages, see **Figure Q1**. Please elaborate the advantages and disadvantages of each materials as carbonated beverage container. **(20 Marks)**



Figure Q1