

 <b>Universiti Malaysia PAHANG</b> <small>Engineering • Technology • Creativity</small>	Name	:	_____
	ID No.	:	_____
	Group	:	_____
	Section	:	_____
	Submission date	:	_____
Module No/Name	:	8/ Ceramics Materials	
Quiz duration	:	20 minutes	
Total Marks	:	20	

**Answer the following questions**

1. Describe the meaning of advanced ceramics? Give three (3) examples of advanced ceramics products **(10 Marks)**.
2. Explain the difference between glass and ceramics, based on their structure and properties. **(10 Marks)**
3. Blow molding and injection molding are two types of production techniques in polymer processing technology. Explain the basic principles of the processes and describe the characteristics of products that commonly produce by these processes.
4. Elaborate the required properties of advanced ceramics that will be applied as bioceramics. Give three (3) examples of the biomaterials products.