

**Date:** 9-07-2021

**Class:** 8<sup>th</sup> Genesis

**Subject:** Science

**Test code:** SECT01(21011308)

**Chemistry**

**M. Marks: 20**

1. Classify the following as biodegradable and non – biodegradable materials: (2 marks)  
Woolen clothes, Polythene bags, Paper, Aluminium cans, Toothbrush, Peels of vegetables and fruits, Cotton cloth, Jute bag, Electric switch, Frying pan handle.
2. Why type of shirts should we buy for summer: cotton shirts or shirts made from synthetic materials (like polyester)? Give reason for your answer. (2 marks)
3. (a) Name the major component of natural gas. (2 marks)  
(b) Name two places in India where natural gas is found.
4. Which plastic is used: (3 marks)  
(a) For making uniforms of fire – men fire resistant?  
(b) For giving non – stick coating on frying pans?  
(c) For making handles of frying pans?  
(d) For making insulation (covering) of electric wires?  
(e) For making electric switches?  
(f) For making flexible water bottles?
5. (a) What is meant by inexhaustible natural resources? Name two inexhaustible natural resources. (3 marks)  
(b) What is meant by exhaustible natural resources? Name any two exhaustible resources.
6. (a) What are petrochemicals? Name any two petrochemicals. (3 marks)  
(b) Why are petrochemicals so important?
7. (a) What is global warming? (5 marks)  
(b) Is coke is a better fuel than coal?  
(c) Suggest some ways to conserve coal and petroleum.  
(d) Are all natural resources inexhaustible?  
(e) What are the harmful effects of using fossil fuels?