**University of Bejaia May, 2016**

**Faculty of Technology duration: 2 hours**

**Department of Technology**

**Second Term Examination of English**

**Full name: ……………………… group:…………………….**

**Signature……………………….**

**Text**

**Polymeric materials do not pollute the environment because they do not modify the composition and the physico-chemical characteristics of air, water and ground. Nevertheless, the impressive amount of plastic goods dispersed in the environment obliges to make strong efforts to eliminate, or at least reduce them. It has been evaluated that about 20 million tons of plastic are discarded every year and remain in the environment due to their good resistance to environmental degradation. The elimination of this plastic waste is not only due to environmental pressure but is also an economic problem. It is worth to remember that landfill sites has been estimated of 7000DA per ton and is expected to double in the near future. However, the number of landfill sites in the world tends to decrease today and subsequently, matter and energy are lost. In these last years many research works have been carried out both to enhance biodegradability of the polymers and to recover matter and energy from post consumer- plastics. Different approaches have been taken into account: recycling, recovery of matter, recovery of energy, biodegradability of polymers and use of plastic wastes as modifiers in asphalts and bitumen.**

**Part One : Comprehension**

1. **Give an appropriate title to the text. (1pt)**

**…………………………………………………………………………………………**

1. **Are the following sentences true or false? Correct the false ones. (3pts)**
2. **Plastic wastes remain in the environment due to their resistance to environmental degradation.**

**……………………………………………………………………………………………..**

1. **Plastic wastes do not pollute the environment.**

**………………………………………………………………………………………**

1. **The impressive amount of plastic goods moved away in the environment obliges to make strong efforts to eliminate them.**

**………………………………………………………………………………………**

1. **Answer the following question according to the text.**
2. **What are the different approaches which have been taken into consideration to preserve environment? (1pt)**

**………………………………………………………………………………………………………………………………………………………………………………**

1. **Find in the text synonyms of the following words: (1pt)**
2. **Stay ………………………………./ b- sprinkle…………………………………**
3. **Find in the text opposites of the following words: (1pt)**
4. **Weak……………………………../ b- increase…………………………………..**

**Part Two : Mastery of Language**

1. **Put the verbs between brackets into the correct form. (3pts)**
2. **Tom (move) ……………………………………………to his home town in 1994.**
3. **Look! Lina (go)……………………………………………………..to the movies.**
4. **I (wash)……………………………………………the car. It looks lovely.**
5. **Turn the following sentences from direct speech to reported speech. (4pts)**
6. **Dominic: “she understands Japanese”.**

**Dominic said that…………………………………………………………………..**

1. **James and David: “we have to go now”**

**James and David said that…………………………………………………………**

1. **Harmer: “I went to the cinema yesterday”.**

**Harmer said that …………………………………………………………………..**

1. **Sarah: “it is very cold”**

**Sarah says that……………………………………………………………………..**

1. **Say whether these sentences are true or false. Correct the false ones. (2pts)**
2. **The letter combination *gh* is silent in the following word: eight. ………………………………………………………………………………………**
3. **We use “can” to express permission in the present and the past.**

**……………………………………………………………………………………….**

**Part Three: Fill in the gaps with the following words: in, human-made, of, variety, that, polymeric. (4pts)**

**N.B. In the above list, there are two words which will not be used in this paragraph.**

**Synthetic polymers can come in a …………………………….. of forms, such as common plastics, the nylon of a jacket, or the surface ……………….a non-stick frying pan, but these ……………………………….. materials have a detrimental impact on ecosystems which U.S. National Institute of Health researchers have called "a rapidly increasing, long-term threat." Understanding the ways ……………………synthetic polymers degrade ecosystems is important in taking steps to eliminate this form of pollution.**

***GOOD LUCK***