Assignment 1

The due date for submitting this assignment has passed. Due on 2019-03-13, 23:59 IST.
As per our records you have not submitted this assignment.

1) What is the resin code of Low density polyethylene (LDPE)?
   a. 1
   b. 3
   c. 4
   d. 6
   Accepted Answers: c
   No, the answer is incorrect.
   Score: 0

2) Which of the following statement is correct?
   a. Plastics can be both thermally and electrically conductive.
   b. Plastics have very low strength to weight ratio.
   c. Plastics can be very resistant to chemicals and corrosion.
   d. Plastics are not water resistant.
   Accepted Answers: c
   No, the answer is incorrect.
   Score: 0
Which of the following is not a thermoplastic?

a. Teflon
b. Polyurethane
c. Nylon
d. Polycarbonate

No, the answer is incorrect.
Score: 0
Accepted Answers: b

4) Which country is the largest producer of plastic material?

a. India
b. United States of America
c. China
d. Russia

No, the answer is incorrect.
Score: 0
Accepted Answers: c

5) According to Plastic Europe market research group (PEMRG), which is the market sector having the largest plastic demand?

a. Packaging
b. Automotive
c. Electrical & Electronics
d. Agriculture

No, the answer is incorrect.
Score: 0
Accepted Answers: a
6) Which country has the highest per capita plastic products consumption, according to FICCI report, 2017?
   a. Brazil
   b. Indonesia
   c. China
   d. United States of America

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: d

7) Which type of plastic has highest demand in India, as per Chemicals & Petrochemical Statistical 2013?
   a. LLDPE
   b. PET
   c. PVC
   d. HDPE

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: c

8) Stabilizers are type of additives added while producing plastics to:
   a. remove fire-propagating radicals like H, OH and others
   b. prolong the lifetime of the polymer by suppressing degradation
   c. improve the plasticity and to impart softness to the plastic
   d. impart strength, hardness and other properties to the plastic

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
9) Which type of plastic is called “Poison Plastic”?
   a. LDPE
   b. PS
   c. PET
   d. PVC

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d

10) Which of the following is/are additives added to enhance the property of plastics?
   a. Fillers
   b. Plasticizers
   c. lubricants
   d. All of the above

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d

11) HDPE is the most commonly recycled plastic because it will not break under exposure to extreme heat or cold
   a. True
   b. False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a

12) Thermosetting plastics can be recycled
   a. True
   b. False

   No, the answer is incorrect.
   Score: 0
13) Elastomers deform considerably under load at room temperature and return to their original shape when the load is released

   a. True
   b. False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: b

14) Chemical composition of thermoplastics changes on heating

   a. True
   b. False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: a

15) Plastics are materials with a seemingly limitless range of characteristics and colors and are easy to manufacture

   a. True
   b. False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: a