Ind

Name:	Class:	Date:
Chapter 02: Current Status of the Plastics Indu	<u>ıstry</u>	
1. A steep drop in plastics production in 2008-200	9 can be attributed to the	
a. World Trade Center bombing		
b. financial crisis that started in 2008		
c. wars in Afghanistan and Iraq		
d. demand for crude oil		
ANSWER: b		
2. The projections for plastics production by 2020	have been based on the growth of	f plastics in
a. aeronautics		
b. space travel		
c. medical technology		
d. the automotive industry		
ANSWER: d		
3. One of the five states that enacted bottle deposit	t laws in the 1970s is	
a. Oregon		
b. Pennsylvania		
c. New York		
d. Texas		
ANSWER: a		
4. Recycling is a term generally reserved for		
a. reuse of waste materials generated during n	-	
b. reprocessing of waste materials generated of	during manufacturing	
c. postconsumer waste materials		
d. incineration of waste materials		
ANSWER: c		
5. Why has there been so little success in bottle de	eposit laws?	
a. consumers have been slow to recycle		
b. major soft drink manufacturers oppose it		
c. the federal government opposes it		
d. there is great diversity in state laws concern	ning recycling	
ANSWER: b		
6. Historically, a problem with PET bottle recyclin a. the FDA did not allow recycled materials to	e	
b. PET bottles has toxic materials		
c. the FDA imposed steep inspection costs on	n recycled PET	
d. PET bottles were an alloy of unknown subs	•	

ANSWER: a

7. Because residents often make mistakes in sorting plastic containers, many large communities accept _____. a. PVC only

Copyright Cengage Learning. Powered by Cognero.

Full download all chapters instantly please go to Solutions Manual, Test Bank site: testbanklive.com

Chapter 02: Current Status of the Plastics Industry

- b. only HDPE plastics
- c. only nonplastics
- d. commingled materials

ANSWER: d

8. In recycling collection trucks, the greatest volume collected is _____

- a. plastics
- b. mixed paper
- c. cardboard
- d. aluminum cans

ANSWER: a

9. In a materials recovery facility (MRF), the conveyor belts that move recycled materials past employees who sort them are called _____.

- a. sorting lines
- b. magnetic sorting features
- c. picking lines
- d. baling lines

ANSWER: c

- 10. Natural HDPE bottles are mostly _____.
 - a. clear bottles
 - b. opaque bottles suitable for bleach
 - c. juice containers
 - d. milk jugs

ANSWER: d

11. What is the process in which a blower system separates the fine pieces out that are too light to fall through a controlled updraft?

- a. baling
- b. elutriation
- c. decanting
- d. flotation
- ANSWER: b
- 12. Automatic sorting systems detect the chemical makeup of material, such as the _____ systems that detect opacity. a. single wavelength infrared (IR)
 - b. multiple wavelength IR
 - c. optical
 - d. X-ray

ANSWER: a

- 13. The type of depolymerization that produces useful monomers is called _____.
 - a. pyrolysis

Chapter 02: Current Status of the Plastics Industry

- b. decomposition
- c. hydrolysis
- d. liquefaction

ANSWER: c

14. What is an advantage of incineration?

- a. it is environmentally friendly
- b. it is very economical
- c. it provides an 10% to 20% reduction in the volume of the solid waste
- d. it does not require sorting of the solid wastes

ANSWER: d

15. Polymer materials that derive from renewable resources, such as corn rather than petroleum-based plastics are known as ____.

- a. degradable plastics
- b. bioplastics
- c. biodegradable plastics
- d. hydrolyzed plastics

ANSWER: b

16. This pie chart shows that _____ represents the highest percentage of production.

Chapter 02: Current Status of the Plastics Industry

Distribution of US Production

LDPE 6% Other LLDPE 16% 13% Thermosets 13% HDPE 17% PVC 14% PP 16% PS 5% a. low-density polyethylene b. polyvinyl chloride c. high-density polyethylene d. polystyrene ANSWER: c

17. This figure shows an early idea to remedy the problem of the FDA not allowing the use of _____ in food contact applications.

Industrial Plastics Theory and Applications 6th Edition Lokensgard Test Bank

 Full Download: http://testbanklive.com/download/industrial-plastics-theory-and-applications-6th-edition-lokensgard-test-bank/

 Name:
 Class:
 Date:

Chapter 02: Current Status of the Plastics Industry

