



# The **circle** Game

## CORRECT ANSWERS

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- 2 Just before going to school, you notice that your new trousers are torn. Fortunately, Mum has the solution to recycle them... what is it?
- ✓ a) Cut off the trouser legs and make shorts out of them
  - b) Throw them in the organic waste bin
  - c) Dye them a different colour
- 3 You are walking around the city with your Dad and you come across a huge building. Dad tells you it's an industrial used oil recycling plant... what does that mean?
- ✓ a) The oils that are used in workshops or large companies are brought here to be treated and given a second life.
  - b) The oils that are used in workshops or large companies are brought here to be emptied into the sea.
  - c) Oils that are used in workshops or large companies are brought here to be sold as seasoning oils.
- 4 You are at Peter's house studying and you decide to munch on something. You open so many packs of cookies that you can't eat them all... what's the solution to not waste them?
- a) Seal the leftover ones in a single package and throw the empty packages in the waste paper bin
  - b) Leave them open on the table and continue playing. Mum will take care of it.
  - c) Throw everything in the undifferentiated waste bin. Once they've been opened, they're no good anymore.
- 5 You are in the park and you notice a very strange container. Mum, who is there with you, tells you that it is used for used clothes. It occurs to you that some time ago your teacher also told you something about it. What did she explain to you?
- ✓ a) People put clothes inside it that they can no longer wear so that people with not much money can wear them.
  - b) Clothing vendors put clothes they want to sell cheaply in them.
  - c) People put broken toys in them to get rid of them.
- 7 In a circular economy lesson, the teacher asks: "What do we mean by environment?"
- a) The set of objects, individuals and situations that can be used by people for their own use and consumption.
  - b) The set of objects, individuals and situations from which people escape.
  - ✓ c) The set of objects, individuals and situations that surround people and with which they interact.
- 8 You are at home and no water is coming out of the bathroom sink. Mum calls the plumber who explains that the problem lies in the used oil that is thrown down the drain. What is the correct way to store oil before recycling it?
- ✓ a) Keep it in a tin can;
  - b) Store it in a plastic jar;
  - c) Store it in a glass jar.

**9** Your Dad asks you to help him sort out the contents of the medicine cabinet ... why?

- ✓ a) Medicines that have expired, as well as being harmful to the environment if not recycled correctly, can also be dangerous for our health if taken.
- b) He's obsessed with order and cleanliness.
- c) Expired medicines are harmful to the environment if not recycled correctly, but they do not cause any harm to our health if taken.

**11** During the circular economy lesson, the teacher explained to you the ways in which industrial oil can be treated. Do you remember what they are?

- ✓ a) Regenerate it, chemically purify it, recycle it
- b) Weaken it, chemically purify it, discard it
- c) Reheat or freeze it.

**12** You are in the kitchen with Dad arranging the contents of the medicine cabinet ... what is the best way to dispose of medicines?

- ✓ a) They must be taken to the Chemist's with the original packaging and placed in a container called "SIGRE point"
- b) They must be taken to the Chemist's and given to the Chemist for their proper disposal
- c) They must be taken to the Chemist's without the original packaging and placed in bulk in a container called "SAGRE point"

**13** Where does paper come from?  
Rearrange the letters to give you the correct answer:

- RETES
- ✓ TREES

**14** In a circular economy lesson, the teacher tells you that in order to not cut down 17 trees, it is necessary to recycle:

- ✓ a) A ton of paper
- b) Three tons of paper
- c) Five tons of paper

**16** Do you know how the expired medicines that you have disposed of in the appropriate container in the Chemist's will be used?

- ✓ a) They will be transferred to a sorting and classification plant, where they will be separated according to the type of packaging material (cardboard, plastic and glass) and given to specialist recycling facilities.
- b) They will be transferred to a sorting and classification facility, where they will be combined with other medicines and then put back on the market.
- c) They will be delivered directly to different pharmaceutical companies to produce new medicines

**17** Your classmate Alberto has an oral test with the chemistry teacher, who asks him what is meant by "organic material". What is the correct answer?

- ✓ a) A compound that contains carbon
- b) A compound that contains tartaric acid
- c) Un composto che contiene fluoresceina

**18** You are walking with your mother and you notice that the pavement is full of garbage. Mum explains that recycling is essential... why?

- ✓ a) Each time we recycle we save energy, we use fewer natural resources and pollute the environment much less
- b) Each time we recycle, the amount of fuel that we can use to make longer trips by car or plane increases
- c) Each time we recycle, the raw materials that we can use increase

**19** You are at your Grandmother's house and she has just taught you how to separate your waste. Associate each material with the right bin where you should throw it away:

Glass jar **Glass bin**

Dispenser for detergents, soaps and cosmetics **Plastic and aluminium bin**

Used gloves and masks **Undifferentiated bin**

Newspaper **Paper bin**

Mozzarella **Organic bin**

Receipts from the supermarket **Undifferentiated bin**

Spray can **Plastic and aluminium bin**

Ash **Organic bin**

**20** You are in the Chemist's to throw away a broken thermometer but the Chemist explains that in the Chemist's containers you can only leave:

- ✓ a) Empty medicine boxes, leftover and expired medicines
- b) Full medication containers and medication that has not expired
- c) Opened medicines and used syringes

**22** Your friend Matteo is revising for the circular economy test and is repeating the three "Rs" ... Do you remember what they are?

- a) Reuse, reduce, recycle
- b) Retrieve, reduce, rediscover
- c) Read, recover, retrieve

**23** You are at the supermarket with your Dad and you are looking for your favourite snacks. Suddenly, you notice in front of the food sector a sign "STOP FOOD LOSS. Save the planet and humanity" and it occurs to you that your teacher explained to you what "FOOD LOSS" means. Do you remember the definition?

- a) Increase in the quantity or quality of food resulting from an efficient management of the production, transport and distribution chain
- ✓ b) Decrease in the mass or nutritional value of food due to inefficiencies in the production, transport and distribution chain
- c) Decrease in the quantity or quality of food due to inefficiencies of Local Authorities

**24** As you have learned in school, the term "Recycling" refers to the process of collecting and processing materials that would otherwise be thrown away as rubbish and transforming them into new products. What is "Composting" instead?

- ✓ a) Natural process of recycling of organic matter
- b) Natural process of collection and compacting of industrial waste
- c) Natural recycling process of grey matter

**26** Your parents are discussing how to manage waste and you remember that your friend Fernanda explained what “Waste Management” means:

- ✓ a) the set of policies, procedures or methodologies aimed at managing the entire waste process, from its production to its final destination, thus involving the phase of collection, transport, treatment (recycling or disposal)
- b) the set of policies, procedures or methodologies aimed at managing the entire waste incineration process
- c) the set of policies, procedures or methodologies aimed at managing the entire process of reuse of waste materials

**27** You’re about to eat some ice cream but Mum tells you to check the “Use by” date. Do you remember what that means?

- ✓ a) The date until which the food can be safely consumed
- b) The date until which the food cannot be consumed
- c) The date up to which food can be frozen

**28** As you were taught in school, what does the FAO Food Loss Index measure:

- ✓ a) Food losses through the supply chain up to retail, without including the last stage
- b) Food losses in the wholesale phase
- c) Food losses through the supply chain to the production stage

**30** You are at the flea market to deliver some old clothes for recycling. Can you recognize which of these is a benefit induced by recycling clothes?

- ✓ a) Saving of energy and water in production processes
- b) Reforestation of the Amazon
- c) Reduction of plastic spilled into the seas

**31** You have studied that from the recycling of clothes you can get different products. Fill in the blanks to find out what they are.

- ✓ (TOYS) T \_ \_ \_
- ✓ (NEW CLOTHES) N \_ \_ C L \_ \_ \_ S
- ✓ (NEW ACCESSORIES) \_ \_ W \_ C \_ \_ SS \_ R \_ \_

**32** As you go around the shelves you meet your aunt and you talk to her enthusiastically about the new project you’re working on to give waste a new life. Your aunt who is curious, asks you if you know the difference between recycling and reuse. Choose the correct answer of the three:

- ✓ a) An asset that has not become waste yet is reused and you recycle something that has already become waste
- b) An asset that is no longer functional to the purpose for which it was produced is reused and you recycle something that is still functional
- c) You reuse an asset for purposes other than those of production and you recycle what we no longer like.

**33** After lunch, your Mum is about to throw the domestic oil in a bin and you ask her why she didn't throw it in the garbage cans. She tells you that the oil must be recycled in order to obtain diverse benefits. Do you remember what they are?

- ✓ a) Energy saving, raw material saving, reduction of CO2 emissions
- b) Reforestation of the Amazon
- c) Reduction of plastic spilled into the seas

**34** You have studied that you can obtain different products from the recycling of industrial oil. Fill in the blanks to find out what they are.

B \_ \_ \_ I \_ S \_ \_

✓ (BIODIESEL)

\_ S \_ \_ L \_ B \_ \_ U \_ \_ N

✓ (ASPHALT BITUMEN)

\_ \_ D \_ \_ R \_ A \_ F \_ E \_

✓ (INDUSTRIAL FUEL)

**36** You have studied that you can obtain different products from the recycling of domestic oil. Fill in the blanks to find out what they are.

S \_ \_ \_

✓ (SOAP)

\_ I \_ \_ I \_ S \_ \_

✓ (BIODIESEL)

C \_ \_ \_ O \_ \_

✓ (COMPOST)

**37** Mum shows you how food waste also happens at the café at the cinema. The bartender is, in fact, unwrapping and throwing away the bags of expired crisps. Do you remember the definition of food waste? Can you tell me if the one below is true or false?

*"Food Waste is the waste or alternative (non-food) use of all that food that is potentially safe and suitable for human consumption"*

- ✓ a) TRUE
- b) FALSE

**38** Approximately 3,000 people die in residential fires in the United States each year from smoke inhalation. Do you know what the effects of wood smoke are on health?

- ✓ a) Smoke releases gases and very fine particles into the air that can enter your eyes or respiratory system, causing burning or bronchitis, tumours and other diseases
- b) The smoke releases gas and very fine particles into the air that are absorbed by your skin giving it a greater shine but increasing the production of moles
- c) Smoke releases gases and fine particles into the air which are absorbed by red blood cells, increasing the level of oxygenation of the blood but causing terrible headaches

**39** You are at home with friends to watch your favourite team's football match. Mum orders pizzas for everyone. Do you know where to dispose of the pizza box and why?

- ✓ a) In the undifferentiated waste bin because it is dirty and has residues of food
- b) In the paper bin because the pizza ordered is in cardboard containers
- c) In the organic bin because pizza is a food regardless of its container

