**LEVEL 1 — Basic Waste Identification**

*(Simple recognition of waste types.)*

| **#** | **Question** | **Options** | **Correct** | **Image Filenames** |
| --- | --- | --- | --- | --- |
| 1 | Which of these is **biodegradable waste**? | A) Plastic bottle B) Banana peel C) Glass | B | A:plastic\_bottle.jpg B:banana\_peel.jpg C:glass.jpg |
| 2 | What color bin is used for **organic waste**? | A) Green B) Blue C) Red | A | A:green\_bin.jpg B:blue\_bin.jpg C:red\_bin.jpg |
| 3 | Which of the following can be **recycled**? | A) Paper B) Food C) Leaves | A | A:paper.jpg B:food\_scraps.jpg C:leaves.jpg |
| 4 | Which waste is **harmful if burned**? | A) Plastic B) Wood C) Banana peel | A | A:plastic\_burning.jpg B:wood\_burning.jpg C:banana\_peel.jpg |
| 5 | What is the **main household waste**? | A) Food remains B) Metal C) Wood | A | A:food\_waste.jpg B:metal\_scraps.jpg C:wood.jpg |
| 6 | Throwing waste in rivers causes… | A) Clean water B) Pollution C) More fish | B | A:clean\_river.jpg B:polluted\_river.jpg C:fish.jpg |
| 7 | Which of these is **e-waste**? | A) Broken phone B) Rotten apple C) Paper bag | A | A:broken\_phone.jpg B:rotten\_apple.jpg C:paper\_bag.jpg |
| 8 | What symbol shows a product can be recycled? | A) Triangle with arrows B) Star C) Circle | A | A:recycle\_symbol.jpg B:star\_icon.jpg C:circle\_icon.jpg |
| 9 | Waste that can rot naturally is… | A) Non-biodegradable B) Biodegradable C) Synthetic | B | A:plastic\_waste.jpg B:compost.jpg C:synthetic\_material.jpg |
| 10 | What should you do when a bin is full? | A) Throw on ground B) Inform someone C) Burn it | B | A:littering.jpg B:person\_reporting.jpg C:waste\_burning.jpg |

**♻️ LEVEL 2 — Sorting & Recycling**

| **#** | **Question** | **Options** | **Correct** | **Image Filenames** |
| --- | --- | --- | --- | --- |
| 1 | Which material can be **recycled many times**? | A) Plastic B) Glass C) Food | B | A:plastic\_bottle.jpg B:glass\_bottle.jpg C:food.jpg |
| 2 | What is **composting**? | A) Burning waste B) Turning organic waste into fertilizer C) Freezing waste | B | A:waste\_burning.jpg B:compost\_pile.jpg C:freezer.jpg |
| 3 | Where should **used batteries** go? | A) Hazardous bin B) Green bin C) Compost bin | A | A:battery\_bin.jpg B:green\_bin.jpg C:compost\_bin.jpg |
| 4 | First step in **recycling paper**? | A) Shredding B) Painting C) Drying | A | A:paper\_shredding.jpg B:paper\_painting.jpg C:paper\_drying.jpg |
| 5 | Recycled plastic bottles can make… | A) Clothes B) Food C) Cement | A | A:plastic\_clothes.jpg B:food\_plate.jpg C:cement\_bag.jpg |
| 6 | “Reduce” means… | A) Use less B) Use again C) Throw away | A | A:turning\_off\_light.jpg B:reuse\_jar.jpg C:littering.jpg |
| 7 | Reusing a glass jar for storage means… | A) Recycle B) Reuse C) Reduce | B | A:recycle\_bin.jpg B:glass\_jar\_storage.jpg C:reduce\_energy.jpg |
| 8 | Which causes **chemical pollution**? | A) Plastic bottles B) Used motor oil C) Paper | B | A:plastic\_bottles.jpg B:motor\_oil\_spill.jpg C:paper\_stack.jpg |
| 9 | **Expired medicines** are what type of waste? | A) Organic B) Hazardous C) Paper | B | A:fruit\_peel.jpg B:expired\_drugs.jpg C:paper\_sheet.jpg |
| 10 | Recycling helps to… | A) Save resources B) Increase waste C) Pollute water | A | A:recycling\_factory.jpg B:open\_dump.jpg C:polluted\_water.jpg |

**🌍 LEVEL 3 — Environmental Impact**

| **#** | **Question** | **Options** | **Correct** | **Image Filenames** |
| --- | --- | --- | --- | --- |
| 1 | Organic waste decomposition releases… | A) Oxygen B) Methane C) Nitrogen | B | A:oxygen\_bubbles.jpg B:methane\_gas.jpg C:nitrogen\_gas.jpg |
| 2 | Plastic in oceans harms… | A) Fish B) Trees C) Rocks | A | A:fish\_plastic.jpg B:forest.jpg C:rocks.jpg |
| 3 | Burning plastic releases… | A) Toxic gases B) Clean air C) Water vapor | A | A:smoke\_pollution.jpg B:fresh\_air.jpg C:steam.jpg |
| 4 | Waste blocking drains causes… | A) Flooding B) Drought C) Wind | A | A:flooded\_street.jpg B:dry\_land.jpg C:wind.jpg |
| 5 | Littering causes… | A) Diseases B) Clean air C) Happiness | A | A:dirty\_street.jpg B:fresh\_park.jpg C:happy\_people.jpg |
| 6 | Which takes **hundreds of years** to decompose? | A) Paper B) Plastic bag C) Fruit peel | B | A:paper.jpg B:plastic\_bag.jpg C:fruit\_peel.jpg |
| 7 | Open dumps can spread… | A) Malaria B) Flu C) Cough | A | A:mosquito\_dump.jpg B:flu\_icon.jpg C:person\_coughing.jpg |
| 8 | Landfills mainly produce… | A) Methane gas B) Oxygen C) Rain | A | A:landfill\_gas.jpg B:oxygen\_bubbles.jpg C:rain.jpg |
| 9 | Waste segregation helps… | A) Recycle efficiently B) Mix waste C) Pollute more | A | A:segregated\_bins.jpg B:mixed\_waste.jpg C:pollution.jpg |
| 10 | Poor waste management causes… | A) Environmental pollution B) Forest growth C) Clean cities | A | A:polluted\_city.jpg B:forest.jpg C:clean\_city.jpg |

**🧠 LEVEL 4 — Innovation & Green Practices**

| **#** | **Question** | **Options** | **Correct** | **Image Filenames** |
| --- | --- | --- | --- | --- |
| 1 | Technology converting waste to energy is… | A) Waste-to-energy plant B) Compost pit C) Solar panel | A | A:waste\_to\_energy.jpg B:compost\_pile.jpg C:solar\_panel.jpg |
| 2 | “Upcycling” means… | A) Making better products from waste B) Burning waste C) Throwing waste | A | A:upcycled\_furniture.jpg B:waste\_burning.jpg C:trash\_throw.jpg |
| 3 | Waste that produces **biogas** is… | A) Organic waste B) Plastic C) Metal | A | A:organic\_waste.jpg B:plastic\_bottle.jpg C:metal.jpg |
| 4 | Technology helps waste management via… | A) Tracking apps B) Faster burning C) Ignoring waste | A | A:waste\_app.jpg B:incinerator.jpg C:dump.jpg |
| 5 | **Smart bins** can… | A) Notify when full B) Burn waste C) Sort clothes | A | A:smart\_bin.jpg B:fire\_bin.jpg C:laundry\_bin.jpg |
| 6 | A **renewable** energy source is… | A) Solar B) Coal C) Plastic | A | A:solar\_panel.jpg B:coal.jpg C:plastic.jpg |
| 7 | **Eco-bricks** are made from… | A) Plastic bottles filled with waste B) Stones C) Sand | A | A:ecobrick.jpg B:stones.jpg C:sand.jpg |
| 8 | **Zero-waste campaigns** encourage… | A) Recycling B) Burning C) Dumping | A | A:zero\_waste\_logo.jpg B:fire.jpg C:dump\_site.jpg |
| 9 | Farmers reuse waste via… | A) Composting B) Incineration C) Landfilling | A | A:farmer\_compost.jpg B:incinerator.jpg C:landfill.jpg |
| 10 | Best **eco-friendly packaging** is… | A) Biodegradable paper B) Plastic C) Glass | A | A:paper\_packaging.jpg B:plastic\_packaging.jpg C:glass\_bottle.jpg |

**🌳 LEVEL 5 — Policy & Critical Thinking**

| **#** | **Question** | **Options** | **Correct** | **Image Filenames** |
| --- | --- | --- | --- | --- |
| 1 | Global policy reducing plastic pollution is… | A) Paris Agreement B) Montreal Protocol C) Kyoto Charter | A | A:paris\_agreement.jpg B:montreal\_protocol.jpg C:kyoto\_charter.jpg |
| 2 | A city should manage waste by… | A) Promoting recycling and composting B) Burning all waste C) Ignoring it | A | A:city\_recycling.jpg B:burning\_waste.jpg C:street\_litter.jpg |
| 3 | “Extended Producer Responsibility” means… | A) Producers take back their waste B) Consumers recycle C) Government pays all | A | A:factory\_recycling.jpg B:people\_recycling.jpg C:government\_building.jpg |
| 4 | A **circular economy** is… | A) Reusing & recycling continuously B) Using once & dumping C) Burning waste | A | A:circular\_economy.jpg B:open\_dump.jpg C:burning\_waste.jpg |
| 5 | Schools can reduce waste by… | A) Using digital assignments B) Burning paper C) Using plastic wraps | A | A:digital\_classroom.jpg B:burning\_paper.jpg C:plastic\_wrap.jpg |
| 6 | Most challenging global waste type is… | A) E-waste B) Food waste C) Organic waste | A | A:ewaste.jpg B:food\_waste.jpg C:organic\_waste.jpg |
| 7 | Governments invest in waste management to… | A) Protect health B) Pollute faster C) Spend money | A | A:public\_health.jpg B:smoke\_pollution.jpg C:money\_bag.jpg |
| 8 | Country close to **zero landfill waste** is… | A) Sweden B) Kenya C) India | A | A:sweden\_recycling.jpg B:kenya\_city.jpg C:india\_city.jpg |
| 9 | A **sustainable waste practice** is… | A) Waste segregation B) Open dumping C) Burning | A | A:segregated\_bins.jpg B:open\_dump.jpg C:fire.jpg |
| 10 | Future waste solution is… | A) Reducing production B) Using more landfills C) Burning all | A | A:clean\_future\_city.jpg B:landfill.jpg C:burning\_site.jpg |