

# EcoBeej

**A Quizbook on Circular Economy  
and Waste Management, Climate Change, Youth &  
Green Jobs, Policy & Research**



**Planting the seeds of  
sustainability through knowledge.**



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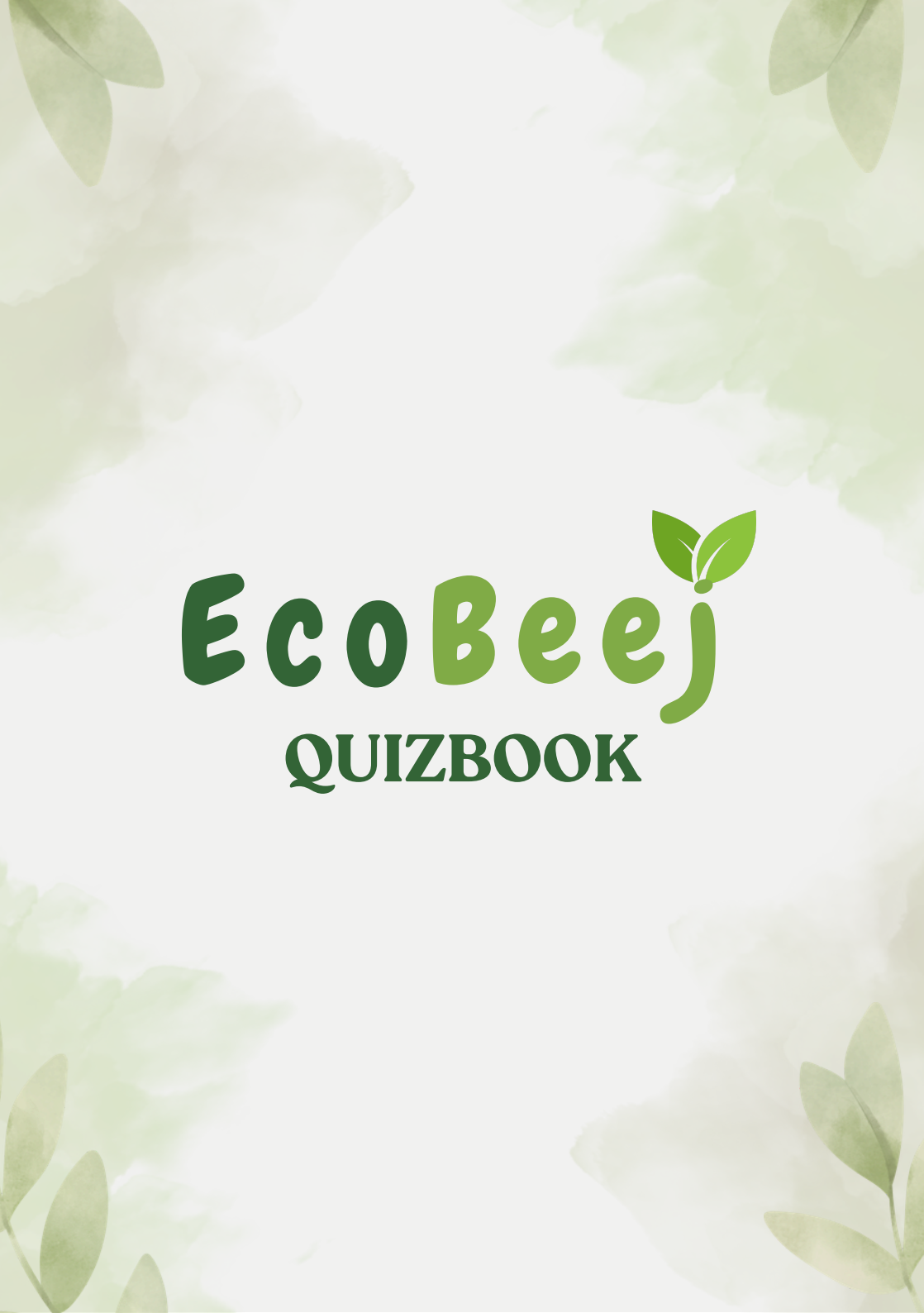
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**EcoBeej**  
**QUIZBOOK**

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## About CREASION

CREASION is a leading non-profit organization based in Nepal, established in 2005, with over 20 years of impact in advancing environmental sustainability and circular economy solutions. CREASION actively bridges the gap between grassroots realities and high-level policy, rooted in strong youth empowerment and community participation. With a proven track record of managing large-scale environmental interventions, the organization focuses on plastic circularity as a pathway toward a net-zero future, while addressing environmental conservation priorities and climate risks. To date, it has facilitated the recycling of 12,000+ tons of plastic waste and engaged 21,000+ youths through awareness, capacity building, and action-oriented programs.

CREASION integrates policy reform by working closely with the Government of Nepal to institutionalize environmental standards, strengthen waste management systems, and promote environmental and social safeguarding frameworks. Guided by its mission to accelerate a regenerative model through collaboration with youth, communities, and partners, it focuses on circularity, climate change, and conservation while creating green job opportunities that support sustainable livelihoods. Through a data-driven approach aligned with the SDGs, CREASION turns waste into resources, climate anxiety into action, and environmental challenges into opportunities for national resilience.

## About EcoBeej

EcoBeej is an environmental quizbook initiative by CREASION designed to promote awareness, learning, and action on sustainability among youth and communities. As the name suggests, *EcoBeej* combines “Eco,” representing ecology and the environment, and “Beej,” meaning seed, symbolizing the planting of knowledge, awareness, and responsible environmental values that can grow into meaningful action and long-term change.

This quizbook serves as an interactive educational platform that uses quizzes to connect key themes such as circular economy, waste management, climate change, youth & green jobs, and policy & research in an engaging and simple way.

EcoBeej encourages practical understanding of environmental issues by focusing on concepts like waste reduction, segregation, recycling, upcycling, and responsible consumption, helping learners connect theory with real-life environmental practices. It also introduces participants to CREASION’s field-level interventions, such as strengthening recycling systems, supporting green enterprises, improving municipal waste management, and promoting youth-led climate action.

By linking knowledge with real-world examples, EcoBeej aims to inspire young people and communities to become active contributors to a more sustainable, circular, and climate-resilient future.



# Circular Economy & Waste Management



A circular economy replaces the traditional “take-make-dispose” model with a regenerative system that keeps materials in use for as long as possible. It emphasizes reducing resource extraction, promoting reuse and recycling, and minimizing waste. In rapidly urbanizing cities like Kathmandu, rising plastic consumption and landfill pressure make this approach critical for environmental protection, climate resilience, and sustainable development. Rather than treating waste as a problem, it is viewed as a valuable resource.

CREASION operationalizes these principles by strengthening PET waste recovery and improving plastic value chains. Through community engagement, source segregation, hotspot identification and support to private waste enterprises, the organization enhances collection and recycling systems. By linking informal waste workers with formal markets, CREASION not only improves efficiency but also strengthens livelihoods, ensuring plastic waste is reintegrated into production cycles instead of polluting land and water systems.

## Questions

1. What is the main goal of a circular economy?
  - a. Increase production
  - b. Reduce waste and reuse resources
  - c. Export goods
  - d. Use more raw materials
2. What is one of CREASION's main environmental focuses?
  - a. Biodiversity Conservation
  - b. Circularity of Plastics
  - c. Glacier Preservation
  - d. Freshwater Ecosystem
3. Which bin is typically used for recyclable waste?
  - a. Green
  - b. Blue
  - c. Red
  - d. Black
4. Which type of plastic is primarily recycled at CREASION's MRFs?
  - a. Polyvinyl Chloride (PVC)
  - b. Polypropylene (PP)
  - c. Low-Density Polyethylene (LDPE)
  - d. Polyethylene Terephthalate (PET)
5. What does "upcycling" mean?
  - a. Burning waste
  - b. Converting waste into lower-quality material
  - c. Reusing waste to create higher-value products
  - d. Dumping waste in landfills

6. Which material takes the longest to decompose?
  - a. Paper
  - b. Glass
  - c. Food waste
  - d. Cotton
7. CREASION's waste management approach mainly supports which concept?
  - a. Linear economy
  - b. Circular economy
  - c. Waste export economy
  - d. Fossil fuel economy
8. How many PET recycling facilities (PRFs) and material recovery facilities (MRFs) are currently operated by CREASION?
  - a. 1 & 2
  - b. 2 & 1
  - c. 2 & 2
  - d. 1 & 4
9. What is composting mainly used for?
  - a. Plastic waste
  - b. Metal waste
  - c. Organic waste
  - d. E-waste
10. When is Global Recycling Day celebrated?
  - a. 5<sup>th</sup> June
  - b. 14<sup>th</sup> February
  - c. 18<sup>th</sup> March
  - d. 21<sup>st</sup> July



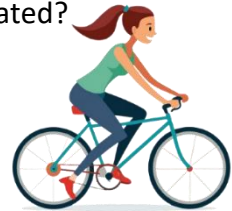
11. Which sector produces the most municipal solid waste globally?
  - a. Agriculture
  - b. Space industry
  - c. Fisheries
  - d. Households
12. Why is a circular economy better than a linear economy?
  - a. It increases pollution
  - b. It uses resources efficiently and reduces waste
  - c. It promotes single-use products
  - d. It increases landfill use
13. Which shaped dustbin has been installed at Pashupatinath by CREASION?
  - a. Bottle-shaped dustbins
  - b. Earth-shaped dustbins
  - c. Tree-shaped dustbins
  - d. Stupa-shaped dustbins
14. What is “Extended Producer Responsibility (EPR)”?
  - a. Consumers manage all waste
  - b. Producers are responsible for the entire lifecycle of products
  - c. Government manages all waste
  - d. Waste is exported
15. Which type of clothing has CREASION produced by recycling plastic bottles?
  - a. Caps
  - b. Gloves and socks
  - c. Trousers
  - d. Jackets

16. Which type of waste is commonly seen in rivers in Nepal?
- Nuclear waste
  - Plastic waste
  - Space debris
  - Glass only
17. Aside from recycling, what does Recycler Saathi focus on for waste workers?
- Political training
  - Cooking classes
  - Livelihood improvement and capacity development
  - Driving training
18. Recycler Saathi aligns with which global initiative?
- UN Clean Seas
  - The Coca-Cola Foundation's "World Without Waste"
  - WWF Plastic Free Campaign
  - Greenpeace Zero Waste
19. Informal waste workers contribute to circular economy by:
- Increasing pollution
  - Supporting recycling and material recovery
  - Burning waste
  - Exporting waste
20. What does "zero waste" aim for?
- Burning all waste
  - Sending all waste to landfill
  - Eliminating waste through redesign and reuse
  - Exporting waste



21. Open burning of waste releases:
- Oxygen
  - Toxic gases
  - Clean energy
  - Water vapor only
22. Which gas is mainly produced from decomposing organic waste in landfills?
- Oxygen
  - Nitrogen
  - Methane
  - Hydrogen
23. CREASION promotes which practice at the community level?
- Open dumping
  - Waste segregation at source
  - Burning waste
  - River disposal
24. Awareness programs by CREASION mainly aim to:
- Increase waste generation
  - Change behavior and promote sustainability
  - Promote dumping
  - Reduce recycling
25. How does CREASION support circular economy?
- Promoting single-use plastics
  - Encouraging reuse, recycling, and sustainable practices
  - Increasing landfill use
  - Exporting waste

26. “Hamro Cycle Yatra” primarily promotes which concept?
- Fossil fuel use
  - Circular economy and eco-friendly lifestyle
  - Industrial growth
  - Air travel
27. What does “closing the loop” mean?
- Ending production
  - Reusing materials back into the production cycle
  - Locking waste in landfills
  - Stopping recycling
28. CREASION has developed a strong supply chain mainly for:
- Metal waste
  - Food waste
  - Plastic waste
  - E-waste
29. Where is CREASION’s Plastic Recycling Facility located?
- Pokhara
  - Biratnagar
  - Nepalgunj
  - Bharatpur
30. Which stakeholder group is strongly integrated into CREASION’s circular economy model?
- Only government agencies
  - Only private companies
  - Informal waste workers and marginalized communities
  - Only tourists



31. A strong recycling system helps reduce:
- Resource efficiency
  - Environmental pollution
  - Employment
  - Awareness
32. How Many Types of Plastic area there based on Resin Identification Codes (RIC)?
- 6
  - 7
  - 8
  - 9
33. What percentage of all plastics ever produced has been recycled based on the reports of 2017?
- Around 9%
  - Around 25%
  - Around 50%
  - Around 75%
34. PET bottles refer to:
- Paper waste
  - A type of plastic commonly used for beverage bottles
  - Metal containers
  - Glass jars
35. What is the focus of Project CAP?
- Expanding landfills
  - Preventing plastic leakage into river systems
  - Increasing plastic production
  - Building roads



36. Inclusive waste value chains mean:
- Only industries benefit
  - Waste systems involve and support different community actors
  - Only recyclers participate
  - Waste is exported
37. River clean-up campaigns help by:
- Reducing pollution in waterways
  - Raising community awareness
  - Protecting ecosystems
  - All of the above
38. A business that converts waste into useful products is practicing:
- Linear economy
  - Circular economy
  - Waste dumping
  - Resource extraction only
39. What does MRF stand for in waste management?
- Material Recovery Facility
  - Municipal Recovery Framework
  - Managed Resource Field
  - Material Reduction Factory
40. CREASION Nepal strengthens waste enterprises mainly to:
- Improve plastic waste collection and recycling efficiency
  - Promote landfill dumping
  - Increase plastic leakage
  - Reduce community participation

41. CREASION provides FSTP (Financial Support to Third Party) grants to private waste enterprises to help with?
- Strengthening technical capacity of enterprises
  - Increasing landfill waste
  - Promoting waste burning
  - Importing plastic waste
42. How do CREASION Nepal's inclusive waste management systems contribute to sustainable waste management?
- Diverse groups participate safely and equally
  - Increase inequality
  - Reduce workplace safety
  - Promote exclusion
43. Which practice best reflects circular economy in packaging?
- Single-use plastic packaging
  - Compostable and reusable packaging solutions
  - Open dumping
  - Burning packaging waste
44. Why are Material Recovery Facilities (MRFs) important?
- They help sort and recover recyclable materials
  - They increase waste leakage
  - They burn all waste
  - They reduce recycling opportunities
45. Youth can contribute to circular economy by:
- Promoting reuse and recycling
  - Creating sustainable businesses
  - Reducing waste
  - All of the above



# Climate Change

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CREASION strengthens communities to respond to climate risks by promoting climate-smart agriculture, improved water management, and disaster preparedness, while building the capacity of youth and local leaders to drive sustainable action. It advances low-carbon and circular solutions by encouraging renewable energy, energy efficiency, and sustainable consumption practices that help reduce emissions and environmental impact. Through climate education and awareness programs, CREASION equips schools and communities with the knowledge, tools, and behaviors needed to understand climate change and take meaningful action. In addition, it supports policy advocacy and multi-stakeholder collaboration by working closely with governments, NGOs, and the private sector, while facilitating platforms to share innovative solutions, best practices, and scalable approaches for long-term climate resilience.

## Questions

1. What is climate change?
  - a. Daily weather changes
  - b. Long-term changes in climate patterns
  - c. Earthquake activity
  - d. Ocean tides
2. What is the main greenhouse gas responsible for global warming?
  - a. Oxygen
  - b. Nitrogen
  - c. Carbon dioxide
  - d. Helium
3. Which is a renewable energy source?
  - a. Coal
  - b. Petrol
  - c. Solar energy
  - d. Diesel
4. One long-term goal of CREASION is:
  - a. Increase plastic production
  - b. Net-zero carbon future
  - c. Expand landfill sites
  - d. Promote fossil fuels
5. What is the name of the program celebrated by CREASION to honor and promote the importance of trees?
  - a. World Environment Day
  - b. Forest Day Celebration
  - c. Tree of the Year Nepal
  - d. Green Nepal Campaign



6. Which gas do trees absorb?
  - a. Oxygen
  - b. Carbon dioxide
  - c. Hydrogen
  - d. Nitrogen
7. What is a carbon footprint?
  - a. Size of a tree root
  - b. Amount of CO<sub>2</sub> emitted by a person/activity
  - c. Soil pollution level
  - d. Ocean depth
8. Which is climate-friendly waste practice?
  - a. Open dumping
  - b. Waste segregation
  - c. Burning plastic
  - d. Throwing waste in rivers
9. Who does the Green Shift Nepal project support in developing sustainable plastic alternatives?
  - a. Large industries
  - b. SMEs
  - c. Banks
  - d. Schools
10. Which is NOT a climate change impact?
  - a. Heat waves
  - b. Floods
  - c. Earthquake
  - d. Drought

11. How does waste contribute to climate change?
- It cools the planet
  - It releases greenhouse gases
  - It increases oxygen
  - It stops rainfall
12. Which gas is produced by decomposing waste in landfills?
- Oxygen
  - Methane
  - Nitrogen
  - Hydrogen
13. Which waste management method helps reduce greenhouse gases?
- Open burning
  - Landfilling
  - Composting
  - Dumping in rivers
14. CREASION's frontline disaster response efforts mainly help communities to:
- Increase risks
  - Reduce immediate risks and strengthen adaptation capacity
  - Ignore climate impacts
  - Promote waste burning
15. What happens when glaciers melt?
- Sea level decreases
  - Sea level rises
  - Earth cools down
  - Rain stops

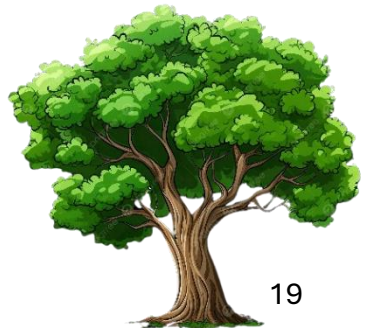


16. How many Sustainable Development Goals (SDGs) does CREASION work on?
- 5
  - 10
  - 17
  - 15
17. Which practice reduces both waste and climate change?
- Single-use plastics
  - Open dumping
  - Recycling and reuse
  - Burning waste
18. In Hariyon, CREASION trained farmers in:
- Chemical-intensive farming only
  - Vermi-composting and sustainable agriculture
  - Industrial mining
  - Plastic production
19. Vermi-composting helps climate resilience because it:
- Improves soil health and reduces organic waste
  - Increases pollution
  - Produces plastic
  - Increases methane emissions
20. CREASION promotes which type of solutions to address climate challenges?
- Community-based and sustainable solutions
  - Short-term dumping solutions
  - Fossil fuel expansion
  - Single-use systems

21. What is the main cause of the current, rapid climate change?
- Natural cycles
  - Human activities (burning fossil fuels)
  - Solar radiations
  - Global Warming
22. What happens when waste is not properly managed?
- Climate improves
  - Greenhouse gas emissions increase
  - Air becomes cleaner
  - Temperature decreases
23. What is the "greenhouse effect"?
- Plants producing oxygen
  - Gases in the atmosphere trapping heat
  - The cooling of the earth
  - Plants trapping the Carbon Dioxide
24. What is the most potent greenhouse gas?
- Fluorinated gases
  - Carbon Dioxide
  - Nitrous Oxide
  - Methane
25. Tree of the Year Nepal connects storytelling, photography, and advocacy to:
- Promote consumerism
  - Raise awareness for conservation and biodiversity
  - Increase deforestation
  - Encourage waste dumping



26. CREASION's Climate Smart Cities project reduces climate impacts mainly by:
- Increasing fossil fuel use in waste systems
  - Strengthening circular economy and recycling systems
  - Expanding landfills in urban areas
  - Encouraging waste burning
27. Which CREASION initiative supports climate-friendly systems?
- Plastic recycling and recovery
  - Open dumping
  - Waste burning
  - Landfill expansion only
28. What type of waste produces the most methane in landfills?
- Glass
  - Organic waste
  - Metal
  - Paper clips
29. What is the purpose of Climate Smart Schools?
- Sports training
  - Building climate awareness among children
  - Selling recycled products
  - Waste burning education
30. What type of livelihoods does CREASION promote through recycling?
- Climate-smart livelihoods
  - Mining jobs
  - Fossil fuel jobs
  - Import-export only



31. Repairing, reusing, and recycling materials can help reduce:
- Carbon emissions
  - Resource extraction
  - Waste generation
  - All of the above
32. Which ecosystem is highly threatened by climate change?
- Coral reefs
  - Forests
  - Wetlands
  - All of the above
33. How does Climate Smart Cities project contribute to climate change mitigation?
- By increasing plastic production
  - By reducing plastic leakage and associated greenhouse gas emissions
  - By promoting open dumping of waste
  - By increasing landfill expansion
34. Deforestation contributes to climate change because:
- Trees absorb CO<sub>2</sub>
  - Fewer trees mean less carbon absorption
  - Forests cool the planet
  - All of the above
35. Local communities are important in climate action because:
- They experience impacts directly
  - They can adopt sustainable practices
  - They help spread awareness
  - All of the above

36. Climate change is connected to which areas of CREASION's work?
- Waste management
  - Circular economy
  - Sustainable lifestyles
  - All of the above
37. Why does CREASION work on climate change issues?
- To increase industrial growth
  - To promote environmental sustainability and community resilience
  - To promote fossil fuel use
  - To avoid community engagement
38. Which gas is released by livestock farming?
- Oxygen
  - Methane
  - Nitrogen
  - Hydrogen
39. Photography and storytelling can support climate action by:
- Raising awareness and inspiring behavior change
  - Increasing pollution
  - Encouraging waste generation
  - Promoting tree cutting
40. Air pollution in cities like Kathmandu is worsened by:
- Vehicle emissions
  - Waste burning
  - Dust and construction
  - All of the above



41. Recycling plastics helps climate action by:
- Reducing the need for virgin plastic production
  - Increasing waste generation
  - Promoting dumping
  - Increasing emissions
42. Why is burning waste harmful for the climate?
- It produces clean air
  - It releases CO<sub>2</sub> and toxic gases
  - It reduces temperature
  - It increases rainfall
43. Initiatives like Hamro Cycle Yatra promoted by CREASION encourage:
- Sustainable mobility
  - Increased fuel use
  - Traffic congestion
  - Air pollution
44. Green enterprises contribute to climate resilience by:
- Creating sustainable livelihood opportunities
  - Promoting resource efficiency
  - Reducing waste
  - All of the above
45. Which climate-related issue affects Nepal significantly?
- Glacier melting
  - Floods and landslides
  - Irregular rainfall
  - All of the above

# Youth & Green Jobs



CREASION invests in building the skills and knowledge of young people to prepare them for the growing green economy through training in renewable energy, sustainable agriculture, waste management, eco-tourism, and other green sectors. These programs combine theoretical learning with practical experience, equipping youth with technical, problem-solving, and leadership skills to actively engage in climate action and sustainable development.

Beyond training, CREASION supports youth-led green enterprises by providing mentorship, business development guidance, resources, and networking opportunities, enabling young innovators to turn ideas into viable, impact-driven ventures that promote circular practices and create green jobs. It also works with policymakers, the private sector, and community stakeholders to advocate for inclusive green job policies and expand opportunities, fostering a generation of climate-conscious youth ready to lead Nepal's transition toward a sustainable and resilient economy.

## Questions

1. What is a “green job”?
  - a. A job related only to forests
  - b. A job that contributes to environmental sustainability
  - c. A temporary job
  - d. A job with green uniforms
2. Which of the following can be considered a green job?
  - a. Recycling entrepreneur
  - b. Solar technician
  - c. Waste management worker
  - d. All of the above
3. CREASION Nepal supports youth and communities through:
  - a. Green enterprises and circular economy initiatives
  - b. Waste burning programs
  - c. Fossil fuel industries
  - d. Plastic dumping
4. What type of opportunities does Volunteer for Change offer
  - a. Scholarships only
  - b. Research grants
  - c. Internship and volunteer opportunities
  - d. Business loans
5. Which sector has growing opportunities for green jobs in Nepal
  - a. Recycling and waste management
  - b. Renewable energy
  - c. Sustainable agriculture
  - d. All of the above

6. Which group is actively engaged in advocacy and awareness campaigns of Green Shift Nepal?
  - a. Senior citizens
  - b. Youth
  - c. Tourists
  - d. Foreign investors
7. CREASION empowers youth mainly through:
  - a. Skill development activities
  - b. Green entrepreneurship support
  - c. Mentorship and networking
  - d. All of the above
8. How many volunteers have been reached through the Safa Garau campaign?
  - a. 100+
  - b. 200+
  - c. 300+
  - d. 400+
9. Youth-led green enterprises can help:
  - a. Create employment
  - b. Solve environmental challenges
  - c. Promote innovation
  - d. All of the above
10. Green jobs help reduce:
  - a. Environmental pollution
  - b. Waste
  - c. Carbon emissions
  - d. All of the above



11. How many Waste Smart Fellows has been appointed through Green Shift Nepal project?
  - a. 6
  - b. 7
  - c. 8
  - d. 9
12. Which program of Green Shift Nepal project is working on Alternative Plastic Packaging?
  - a. Sustainable Packaging program
  - b. Green Business Program
  - c. Green Entrepreneur Program
  - d. Climate Smart Entrepreneurship
13. What is one benefit of green jobs?
  - a. Sustainable livelihood opportunities
  - b. Increased environmental pollution
  - c. Higher plastic leakage
  - d. More landfill waste
14. Why are youth important in the green transition?
  - a. They bring innovation and long-term impact
  - b. They influence communities and future systems
  - c. They can adopt sustainable lifestyles early
  - d. All of the above
15. Why is innovation important in the green economy?
  - a. It helps create sustainable alternatives and solutions
  - b. It increases environmental degradation
  - c. It discourages entrepreneurship
  - d. It reduces recycling

16. How many Private Waste Enterprises are funded under Financial Support for Third Parties (FSTP) under Green Shift Nepal project?
  - a. 4
  - b. 5
  - c. 6
  - d. 7
17. Youth-led initiatives can help communities by:
  - a. Creating jobs
  - b. Raising environmental awareness
  - c. Supporting sustainable livelihoods
  - d. All of the above
18. How does CREASION support youth involvement in climate action?
  - a. By limiting their participation
  - b. Through training, awareness, and active engagement
  - c. By excluding them from projects
  - d. By focusing only on industries
19. Recycler Saathi supports:
  - a. Fossil fuel industries
  - b. Recycling enterprises
  - c. Plastic dumping
  - d. Mining industries
20. Why are youth important in CREASION's environmental projects?
  - a. They increase waste generation
  - b. They bring innovation, energy, and awareness in sustainability initiatives
  - c. They focus only on industrial work
  - d. They avoid environmental issues

21. Upcycling means:
- Burning waste
  - Turning waste into higher-value products
  - Dumping waste
  - Exporting waste
22. CREASION supports youth entrepreneurs by providing:
- Business development guidance
  - Access to resources
  - Networking opportunities
  - All of the above
23. The Sustainable Packaging Program under Green Shift initiative mainly supports:
- Fossil fuel industries
  - Young innovators, entrepreneurs, and startups
  - Mining companies
  - Waste dumping businesses
24. Youth involvement in environmental action contributes to:
- Long-term sustainability
  - Increased pollution
  - Wasteful behavior
  - Environmental degradation
25. CREASION connects startups with mentors and investors to help them to:
- Grow and scale their ideas
  - Increase innovation capacity
  - Enter real markets
  - All of the above



26. A startup developing eco-friendly packaging is an example of:
- Green entrepreneurship
  - Linear economy
  - Waste-intensive business
  - Fossil fuel enterprise
27. Why are youth important in environmental campaigns?
- They can influence communities and future generations
  - They increase pollution
  - They reduce participation
  - They avoid innovation
28. The Green Business Accelerator program mainly supports:
- Large mining corporations
  - SMEs, startups, and green businesses
  - Only government agencies
  - Import companies
29. Which action can youth take to support Tree of the Year Nepal?
- Documenting trees through photography
  - Promoting tree cutting
  - Burning waste near trees
  - Ignoring environmental issues
30. How many Climate Waste Smart Schools were established under the Project CAP led by CREASION?
- 12
  - 13
  - 14
  - 15



31. The main role of Waste Smart Fellows is to:
- Promote sustainable waste management practices
  - Increase landfill waste
  - Encourage open burning
  - Ignore environmental issues
32. Why is indigenous knowledge important in green business?
- It provides locally adapted sustainable solutions
  - It replaces modern innovation
  - It increases waste
  - It promotes imports
33. Youth-led environmental campaigns are effective because:
- Young people can influence peers and communities
  - Youth increase pollution
  - Youth discourage participation
  - Youth avoid innovation
34. What is one challenge many young green entrepreneurs face?
- Limited access to finance and mentorship
  - Excessive support opportunities
  - Unlimited market access
  - Too many recycling systems
35. Which practice helps reduce dependence on single-use plastics?
- Developing biodegradable alternatives
  - Increasing plastic imports
  - Burning plastic waste
  - Open dumping

36. A climate-smart livelihood mainly focuses on:
- Sustainability and resilience
  - Expanding pollution
  - Resource depletion
  - Fossil fuel dependency
37. Waste Smart Fellows can help municipalities become more:
- Polluted
  - Waste-intensive
  - Resource inefficient
  - Sustainable and climate-resilient
38. Why is market access important for green startups?
- It increases waste leakage
  - It helps sustainable products reach consumers
  - It discourages innovation
  - It reduces business growth
39. Green jobs contribute to healthier communities by:
- Supporting cleaner environments and sustainable systems
  - Increasing environmental hazards
  - Encouraging waste leakage
  - Promoting unsustainable practices
40. How can youth contribute to the transition toward a green economy?
- By developing sustainable businesses & environmental solutions
  - By increasing plastic consumption
  - By promoting open dumping practices
  - By discouraging recycling initiatives



41. Which of the following best supports responsible consumption?
- a. Choosing reusable and sustainable products
  - b. Buying unnecessary single-use items
  - c. Dumping waste into rivers
  - d. Burning household waste
42. Why are women-led enterprises important in the green economy?
- a. They strengthen inclusive and sustainable development
  - b. They increase environmental pollution
  - c. They reduce innovation
  - d. They discourage participation
43. Which action best demonstrates environmental leadership among youth?
- a. Promoting waste burning
  - b. Organizing sustainability campaigns and initiatives
  - c. Ignoring local environmental issues
  - d. Discouraging recycling efforts
44. Why is collaboration important in the green economy?
- a. It limits innovation
  - b. It discourages growth
  - c. It connects entrepreneurs with knowledge and opportunities
  - d. It increases environmental degradation
45. Which of the following reflects a sustainable business model?
- a. Expanding unsustainable extraction practices
  - b. Dumping waste into open spaces
  - c. Promoting disposable culture
  - d. Producing eco-friendly products using recycled materials

# Policy & Research

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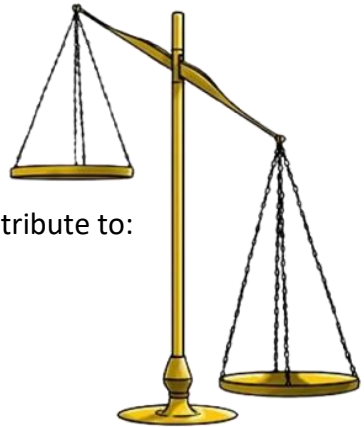


CREASION generates data-driven research and insights through rigorous studies that identify environmental challenges and inform evidence-based strategies. It conducts policy analysis and advocacy by assessing existing frameworks and recommending stronger regulations in waste management and climate resilience. Through institutional capacity building, CREASION equips local governments and decision-makers with the technical skills required to design and implement sustainable policies effectively. In addition, it promotes strategic partnerships and knowledge exchange by connecting academia, government, and the private sector to share innovative solutions, global best practices, and collaborative approaches for long-term environmental impact.

## Questions

1. Environmental policies mainly aim to:
  - a. Protect the environment and guide sustainable practices
  - b. Increase waste generation
  - c. Promote illegal dumping
  - d. Expand pollution
2. Evidence-based policymaking means:
  - a. Policies are developed using research and data
  - b. Policies are made without information
  - c. Decisions are based only on assumptions
  - d. Policies ignore environmental impacts
3. Which activity is part of environmental research?
  - a. Open dumping
  - b. Waste assessment and data collection
  - c. Burning waste
  - d. Illegal logging
4. Why are policies important in waste management?
  - a. They increase plastic leakage
  - b. They discourage recycling
  - c. They promote pollution
  - d. They provide direction for proper waste handling systems
5. Research helps organizations by:
  - a. Increasing environmental risks
  - b. Reducing awareness
  - c. Understanding environmental challenges and opportunities
  - d. Discouraging planning

6. Why is policy research important in CREASION's work?
  - a. It replaces implementation work
  - b. It helps scale sustainable solutions through government and institutional adoption
  - c. It reduces recycling activities
  - d. It promotes waste dumping
7. How many local policies are being developed by Green Shift Nepal project?
  - a. 6
  - b. 7
  - c. 8
  - d. 9
8. Strong environmental policies can contribute to:
  - a. Increased pollution
  - b. Environmental degradation
  - c. Sustainable development
  - d. Resource depletion
9. Which stakeholder is important in policy implementation?
  - a. Communities and local governments
  - b. Waste polluters only
  - c. Illegal industries
  - d. No stakeholders are needed
10. Which of the following supports informed decision-making?
  - a. Research and evidence
  - b. Assumptions only
  - c. Misinformation
  - d. Ignoring data



11. Inclusive governance mainly aims to:
  - a. Exclude communities from decision-making
  - b. Reduce participation
  - c. Promote inequality
  - d. Prioritize vulnerable and marginalized groups
12. Why is youth participation important in environmental policy discussions?
  - a. Youth increase pollution
  - b. Youth discourage sustainability
  - c. Youth avoid innovation
  - d. Youth bring fresh ideas and long-term perspectives
13. How many Waste Smart Fellows are placed in the Local Municipalities under CREASION for the SWM Policy Gap Identification?
  - a. 6
  - b. 7
  - c. 8
  - d. 9
14. Under Green Shift Nepal, CREASION supported municipalities in:
  - a. Solid waste management regulation development
  - b. Plastic dumping programs
  - c. Fossil fuel projects
  - d. Illegal waste disposal
15. Why is collaboration important in policy development?
  - a. Collaboration increases pollution
  - b. Collaboration discourages participation
  - c. Collaboration reduces innovation
  - d. Different stakeholders provide knowledge and perspectives

16. How many Waste Map Books were developed under the Project CAP led by CREASION?
- 6
  - 7
  - 8
  - 9
17. Under different projects, CREASION supported municipalities to:
- Strengthen waste management systems
  - Increase landfill dependency
  - Promote open dumping
  - Expand pollution
18. What is one key role of municipal officials in CREASION's projects?
- Increasing pollution
  - Discouraging sustainability
  - Expanding dumping sites
  - Improving coordination and governance
19. CREASION's research mainly focuses on:
- Promoting pollution
  - Reducing sustainability awareness
  - Identifying environmental challenges and impacts
  - Increasing resource depletion
20. Which is the main national law governing solid waste management in Nepal?
- Forest Act
  - Solid Waste Management Act 2068 (2011)
  - Water Resource Act
  - Industrial Promotion Act



21. What is the purpose of policy recommendations?
  - a. To advocate for stronger sustainability regulations
  - b. To increase waste leakage
  - c. To discourage climate action
  - d. To reduce recycling systems
22. CREASION bridges the gap between:
  - a. Academia, government, and private sector
  - b. Polluters and illegal industries only
  - c. Landfills and dumping sites
  - d. Fossil fuel industries only
23. Under Climate Smart Cities and Project CAP, which cities did CREASION work with to strengthen waste management systems?
  - a. Pokhara and Dharan
  - b. Janakpur and Butwal
  - c. Kathmandu and Bharatpur
  - d. Nepalgunj and Hetauda
24. Provincial SWM guidelines can help municipalities by:
  - a. Supporting adoption of local-level waste management guidelines
  - b. Increasing waste generation
  - c. Discouraging policy development
  - d. Reducing coordination
25. Which CREASION initiative focused on strengthening municipal waste systems and MRFs?
  - a. Industrial Expansion Project
  - b. Volunteer for Change
  - c. Rebuild for Change
  - d. Climate Smart Cities

26. Environmental governance becomes stronger when:
- Policies are supported by research and collaboration
  - Communities are excluded
  - Data is ignored
  - Coordination is avoided
27. In which provinces are the local policies being developed under Green Shift Nepal project?
- Karnali, Madhesh, Lumbini
  - Bagmati, Koshi, Lumbini
  - Madhesh, Bagmati, Lumbini
  - Gandaki, Madhesh, Sudurpashchim
28. Technical support provided by CREASION mainly helps local governments to:
- Increase pollution
  - Reduce planning capacity
  - Discourage participation
  - Improve governance and environmental management
29. Why is policy alignment with sustainability goals important?
- It supports long-term environmental and social resilience
  - It increases pollution
  - It discourages climate action
  - It weakens governance systems
30. What is the role of technical assistance in local governance?
- Supporting implementation of sustainable systems
  - Increasing waste leakage
  - Reducing coordination
  - Discouraging planning



31. Research-driven planning helps projects become more:
- a. Effective and locally relevant
  - b. Polluting
  - c. Resource-intensive
  - d. Unsustainable
32. Why is community participation important in governance processes?
- a. It helps create inclusive and locally relevant solutions
  - b. It increases environmental risks
  - c. It discourages coordination
  - d. It limits sustainability
33. Policy recommendations developed by CREASION mainly focus on:
- a. Increasing waste generation
  - b. Reducing recycling systems
  - c. Waste management and climate resilience
  - d. Expanding pollution
34. What is one major outcome of strong policy and research systems?
- a. Better environmental decision-making
  - b. Increased waste generation
  - c. Reduced climate resilience
  - d. Greater pollution levels
35. Which approach best reflects CREASION's policy and governance work?
- a. Community-responsive and climate-resilient planning
  - b. Unsustainable development
  - c. Open dumping systems
  - d. Resource depletion

36. The Green Shift Project aims to empower provincial governments to:
- a. Actively participate in solid waste management
  - b. Increase landfill dependency
  - c. Reduce environmental planning
  - d. Promote open dumping

37. According to the SWM Act 2011, responsibility for solid waste management is given to:

- a. Local governments
- b. Private industries only
- c. International organizations
- d. Schools only



38. Which area is a major focus of CREASION's policy work?

- a. Circular economy and waste management
- b. Fossil fuel expansion
- c. Mining development
- d. Industrial pollution promotion

39. Why are policy briefs important?

- a. They provide recommendations for stronger environmental action
- b. They increase waste generation
- c. They discourage governance improvements
- d. They reduce coordination

40. Why are local governments important in environmental management?

- a. They increase environmental risks
- b. They discourage participation
- c. They directly implement policies & services at community level
- d. They reduce sustainability efforts

41. CREASION uses field-level data mainly to:
  - a. Develop evidence-based environmental strategies
  - b. Promote unsustainable practices
  - c. Increase waste generation
  - d. Discourage policy development
42. Why are operational improvements important in waste management systems?
  - a. They increase pollution
  - b. They discourage recycling
  - c. They improve service delivery and system efficiency
  - d. They reduce coordination
43. What is one purpose of CREASION's policy analysis work?
  - a. Identifying gaps in environmental regulations
  - b. Promoting unsustainable development
  - c. Increasing resource depletion
  - d. Discouraging climate resilience
44. Why are local policies important in waste management?
  - a. They increase pollution
  - b. They discourage coordination
  - c. They address specific local environmental challenges
  - d. They reduce accountability
45. Which activity best reflects CREASION's knowledge exchange approach?
  - a. Isolated decision-making
  - b. Limiting access to research
  - c. Discouraging innovation
  - d. Collaboration with experts, institutions, and stakeholders

# Answers

## *(Circular Economy & Waste Management)*

1. b	2.b	3.b	4.d	5.c	6.b	7.b	8.d	9.c	10.c
11.d	12.b	13.a	14.b	15.d	16.b	17.c	18.b	19.b	20.c
21.b	22.c	23.b	24.b	25.b	26.b	27.b	28.c	29.d	30.c
31.b	32.b	33.a	34.b	35.b	36.b	37.d	38.b	39.a	40.a
41.a	42.a	43.b	44.a	45.d					

## *(Climate Change)*

1. b	2.c	3.c	4.b	5.c	6.b	7.b	8.b	9.b	10.c
11.b	12.b	13.c	14.b	15.b	16.d	17.c	18.b	19.a	20.a
21.b	22.b	23.b	24.a	25.b	26.b	27.a	28.b	29.b	30.a
31.d	32.d	33.b	34.d	35.d	36.d	37.b	38.b	39.a	40.d
41.a	42.b	43.a	44.d	45.d					

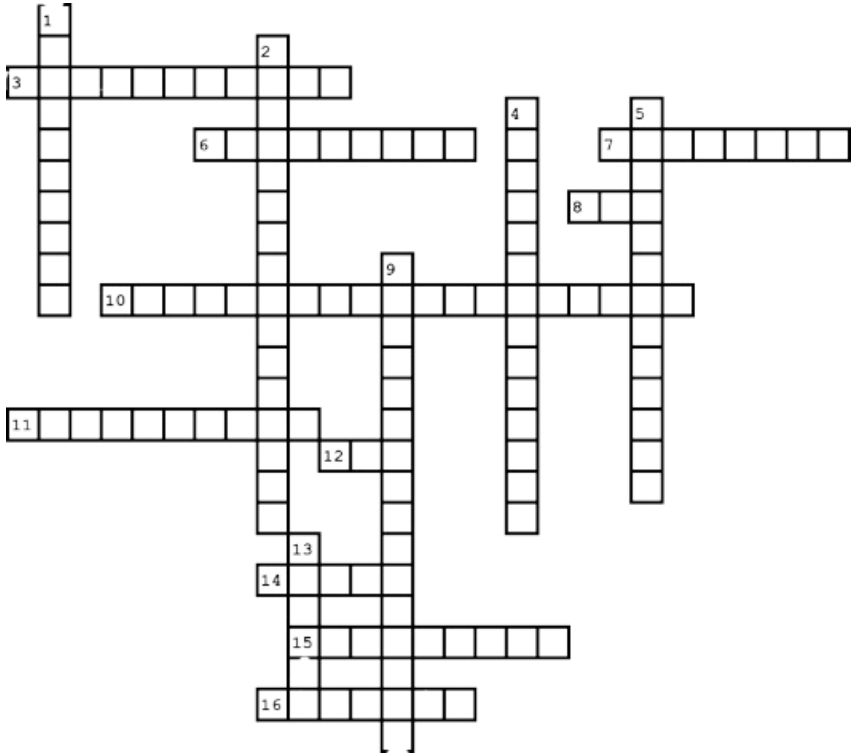
## *(Youth and Green Jobs)*

1. b	2.d	3.a	4.c	5.d	6.b	7.d	8.d	9.d	10.d
11.d	12.a	13.a	14.d	15.a	16.c	17.d	18.b	19.b	20.b
21.b	22.d	23.b	24.a	25.d	26.a	27.a	28.b	29.a	30.a
31.a	32.a	33.a	34.a	35.a	36.a	37.d	38.b	39.a	40.a
41.a	42.a	43.b	44.c	45.d					

## *(Policy and Research)*

1. a	2.a	3.b	4.d	5.c	6.b	7.d	8.c	9.a	10.a
11.d	12.d	13.d	14.a	15.d	16.b	17.a	18.d	19.c	20.b
21.a	22.a	23.c	24.a	25.d	26.a	27.c	28.d	29.a	30.a
31.a	32.a	33.c	34.a	35.a	36.a	37.a	38.a	39.a	40.c
41.a	42.c	43.a	44.c	45.d					

# EcoBeej Crossword Puzzle



### *Across*

3. *Separation of waste at source*
6. *Process of converting waste into reusable material*
7. *Final disposal site for waste*
8. *Common plastic used in water bottles and recycled by CREASION Ventures*
10. *CREASION initiative working with municipalities on waste systems*
11. *Turning organic waste into manure*
12. *Facility where recyclable waste is sorted*
14. *Using items again instead of throwing away*
15. *Turning waste into higher-value products*
16. *Greenhouse gas released from decomposing waste*

### *Down*

1. *Jobs that support environmental sustainability*
2. *A system that reduces waste and keeps resources in use*
4. *Long-term change in global weather patterns*
5. *Unseen heroes of waste management*
9. *CREASION campaign promoting tree conservation and storytelling*
13. *Minimizing waste generation at source*





“Plant ideas, nurture curiosity,  
and grow a future worth  
inheriting.”



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