



Green Skills Class 12 Questions and Answers

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Session 1: Green Jobs

1. What is Green Jobs?

Answer – According to the United Nations Environment Program (UNEP), Green jobs, also known as green collar jobs, are jobs in agricultural, administrative, research and development, manufacturing, and service industries that contribute significantly to the preservation or restoration of environmental quality

2. What are the Benefits of Green Jobs?

Answer – The greening of the economy presents a major opportunity to start new businesses, develop new markets and lower energy costs.

Green jobs that contribute to protecting the environment and reducing carbon footprint are becoming a key economic driver of the twenty-first century.

Benefits of Green Jobs –

- a. increase the efficiency of energy and raw material.
- b. reduce greenhouse gas emissions.
- c. control waste and pollution.
- d. protect and restore ecosystems.
- e. support adaptation to the effects of climate change

3. What do you mean by Farmer Interest Group?

Answer – Farmers' cooperatives are one of the most successful ways to reduce agricultural risk and boost small and marginal farmers' livelihoods.

Farmers are organized into 15–20 member groups at the village level (called Farmer Interest Groups or FIGs) and their associations are built up to a federating point, i.e. Farmer Producer Organizations (FPOs).

Farmers' cooperatives (FPOs) are farmer cooperatives whose members are mostly small or marginal farmers.

4. What is the BIOFUEL policy?

Answer – The Government of India's new biofuel policy, which was announced on August 10, 2018 focusses on initiatives for enhanced use of biomass so as to improve the availability of ethanol through starch and sugar-based feedstock, develop ethanol technologies and increase the production of biodiesel for blending.

Biofuels, such as BioCNG, Bio-methanol, and other biofuels made directly or indirectly from organic material, can create green jobs.

5. What is environmentally friendly drip irrigation?

Answer – There are green jobs in water harvesting and conservation. Drip irrigation with bamboo channels is an environmentally friendly approach to feed the ground. It efficiently uses water without wasting any.

It is less expensive to construct, and after 2–3 years the bamboo rots added to the soil as manure.

6. What are the different sectors where Green Jobs can be used.

Answer – Green jobs can be used in different sectors like –

- a. Agriculture
- b. Transportation
- c. Water conservation
- d. Solar and Wind energy
- e. Eco – tourism
- f. Building and construction
- g. Solid waste management

7. What is appropriate technology?

Answer – Appropriate technology is small-scale, environmentally friendly technology that is customized to meet local needs. Bike- or hand-powered water pumps, solar streetlights, solar structures, and other examples of appropriate technology

Session 2: Importance of Green Jobs

8. What are the ways to reduce the amount of waste in Industries?

Answer – Some of the ways where we can reduce the waste in the Industries are –

a. Reusing scrap material – For example, In paper mills, damaged rolls are returned to the beginning of the production process and used as raw material. Off-cuts and scrap from the production of plastic objects are repurposed into new products.

b. Ensuring quality control – If product quality is maintained, the number of rejected products will decrease, resulting in less waste. Automated monitoring technology is use, which can aid in the early detection of production issues.

c. Waste exchange – This is where the waste product of one process becomes the raw material for another. It represents the way of reducing waste disposal through re-use.

d. Managing e-waste – With advanced technology, we have also encountered problems in managing e-waste such as outdated phones, laptops, and television sets.

e. Use of eco – friendly material – Scientists have discovered a variety of environmentally friendly materials, such as banana leaves and disposable paper plates, among others. These should be made widely available and their use needs to be encouraged.

9. What is NAPCC?

Answer – In June 2008, the Indian government launched the National Action Plan on Climate Change (NAPCC) to address climate change and related challenges. Solar energy, improved energy efficiency, habitat, water, sustaining Himalayan ecosystems, forestry, agriculture, and strategic knowledge for climate change are among the eight purposes of the NAPCC.