INDIAN SCHOOL AL WADI AL KABIR

Class: X	**Department: Commerce**
Subject: Marketing and Sales	**Part A– Employability Skills**
Worksheet	**Chapter 5: Green Skills**

Qt no.	**OTQs**
1	How many sustainable development goals are given by the United Nations? (a) 18 **(b) 17** (c) 15 (d) 20
2	Which organisation has made the Sustainable Development Goals. **(a) United Nations** (b) League of Nations (c) UNICEF (d) World Health Organisation
3	Which of the following sources of energy is a form of renewable source? **(a) Solar energy** (b) Wood (c) Coals (d) Petrol
4	What is Sustainable Development? a. Without compromising the capacity of future generations b. Guaranteeing the balance between economic growth c. Care for the environment and social well – being **d. All of the above**
5.	_____ consists of environment friendly methods of farming that allow the production of agricultural crops or livestock without damage to human or natural systems. **a. Sustainable Agriculture** b. Indefensible Agriculture c. Both a and b d. None of the above
6	When was the first time you heard of sustainable development? a. World Development Report b. First Earth Summit Report c. Human Development Report **d. Brundtland Commission Report**
7	Which of the following is NOT a goal for sustainable development that will be met by 2030? a. Gender Equality b. Good Health and Wellbeing **c. Space Research** d. Zero Hunger

8	United Nations Sustainable Development Summit launched in New York in the year of _____. a. 2010 b. 2012 **c. 2015** d. 2020
9	------ ensures stopping further damage to life on earth **a) Goal 13-Climate action** b) Goal 14-life below water c) Goal 15-Life on land d) None of these
10	The United Nations Environment Programme (UNEP) defines the green economy as "one that improves human well-being and environment" and _____. a. Social Equity b. Significantly reducing environmental risks c. Ecological Scarcities **d. All of the above**
11	Which of the following is a consequence of unsustainable practices that harm ecosystem and biodiversity ? a. Economic growth **b. Environmental degradation** c. Short-term profits d. Population growth
12	What is a major threat to clean drinking water? a) Rainwater harvesting **b) Industrial and domestic waste pollution** c) Water conservation d) Use of solar panels
13	What does "recycling" help with? a) Increasing waste production **b) Reducing the use of natural resources** c) Increasing pollution d) Deforestation
14	What is a major problem related to sustainable development? a) Lack of technology b) Unlimited natural resources **c) Overconsumption and depletion of resources** d) Industrial revolution
15	Which of the following is not a part of sustainable development? a. Incorporating green grassy patches and trees between concrete buildings b. Using environmentally friendly technologies **c. Increasing the excessive use of resources and decreasing resource conservation** d. None of the above
16	What does the acronym SDGs stand for? **a. Sustainable Development Goals** b. Sustainable Development Goal seeker c. Sustainable Developmental Goals d. None of the above
17	What are the benefits of organic farming?

	a. better quality, chemical-free crops b. Improved soil quality for future use **c. Both a and b** d. None of the above
18	Which of the following activities contribute to environmental conservation? a. Organic farming b. Vermi-composting c. Rainwater harvesting **d. All of the above**
19	Which of the following is harmful to the environment? a. Clay pots (Kulhads) **b. Plastic cups** c. Edible cutlery d. None of the above
20	Which of the following is a major problem related to sustainable development? a. Food b. Fuel c. Water **d. All of the above**
	DTQs (2M)
1 Ans.	Define sustainable development. **Sustainable Development is the development that satisfies the needs of the present without compromising the capacity of future generations, guaranteeing the balance between economic growth, care for the environment and social well-being.** **OR** **Development that meets current needs without destroying resources for the future.** **OR** **Sustainable Development protects the environment from degradation like pollution, deforestation and resource depletion.**
2 Ans.	Write the importance of Sustainable Development. **Importance of Sustainable Development:** **1. Preserves Resources for Future Generations – Rapid consumption of natural resources may create serious environmental problems for future generations.** **2. Manages Increasing Consumption – With population and income growth, the demand for goods is rising, leading to higher resource utilization. Sustainable development ensures balanced consumption.** **3. Prevents Environmental Destruction – A new development strategy is needed to avoid harming the environment while promoting growth.** **4. Encourages Sustainable Lifestyles – Individuals must adopt sustainable practices in daily life to reduce resource wastage.** **5. Ensures Careful Utilization of Resources – Since natural resources are scarce, their responsible use is necessary for long-term survival.** **6. Supports Eco-friendly Agriculture – Sustainable farming methods help in maintaining soil health, water quality, and biodiversity by avoiding harmful chemicals.**

3 Ans	'An environment friendly way for production of power is using solar energy or energy from the sun which is unlimited'. Justify the statement with the help of an example. **Using solar power i.e., power generated using the sun does not cause pollution as it does not require burning of non-renewable fuels, such as coal. We are making efforts to increase the solar power generation so that our electricity needs are met and at the same time we do not pollute the environment or use up natural resources. Use of biogas is also an eco-friendly alternative to natural gas**
4 Ans.	What steps do we have to take for sustainable development? (OR) List some ways in which we can use resources sensibly. Some basic ways in which people can help towards Sustainable Development Goals. **Quality Education** is the most important factors for sustainable development. Children who have gone to school will be able to do jobs so that they can take care of themselves and their families. Education helps us become aware of our role as a responsible citizen. We should 1. use the facilities present in our areas. 2. take our friends to school. 3. help friends in studies. 4. stop friends from dropping out of school. **II. Clean Water and Sanitation**: We must make efforts to make India free of open defecation by building toilets and creating awareness towards Industrial is sanitation. Pollution polluting our water resources, which in near future will cause scarcity of clean drinking and usable water. We must take measurable steps by promoting awareness to keep water sources clean. **III. Affordable and Clean Energy** Using solar power i.e., power generated using the sun does not cause pollution as it does not require burning of non-renewable fuels, such as coal. We are making efforts to increase the solar power generation so that our electricity needs are met and at the same time we do not pollute the environment or use up natural resources. Use of biogas is also an eco-friendly alternative to natural gas.
5 Ans.	What are different sustainable development goals? **SDG1-No Poverty** **SDG2-Zero Hunger** **SDG3-Good Health and Well-being** **SDG4-Quality Education** **SDG5-Gender Equality** **SDG6-Clean Water and Sanitation** **SDG7-Affordable and Clean Energy** **SDG8-Decent Work and Economic Growth** **SDG9-Industry, Innovation and Infrastructure** **SDG10-Reduced Inequalities** **SDG11-Sustainable Cities and Communities** **SDG12-Responsible Consumption and Production** **SDG13-Climate Action** **SDG14-Life Below Water** **SDG15-Life On Land** **SDG16-Peace, Justice and Strong Institutions** **SDG17-Partnerships for the Goals**

6 Ans.	What are the different sustainable Development Initiatives taken from the public in India. **1. When plastics were banned by the municipal corporation of Mangalore, an innovator and entrepreneur Mr Avasth Hedge found an eco-friendly alternative. He made a 100 per cent bio-degradable bag which can dissolve in hot water and decompose in natural environment. This is now being used in many countries and is going to help the environment.** **2. Another innovative idea was to stop the use of** **plastics spoons, forks, etc. Narayana Peesapaty made edible cutlery made out of a grain — these spoons can be eaten and even if they are not eaten they will easily decompose in the soil enriching it.**
7 Ans.	Write one initiative taken by Ministry of Railways in Varanasi towards sustainable development. **One initiative was taken by Ministry of Railways in Varanasi and Raibareilly where they introduced clay pots *'Kulhads'* to replace plastic and paper cups and to bring back taste of tradition. Three major advantages gained by using *'Kulhads'* are to** **1. reduce cutting of tree for making paper cups.** **2. job creation for potters, which contributes to economy.** **3. reduce plastic waste**
8 Ans.	What are the problems related to sustainable development. **Three major problems related to sustainable development are:** **(a) Food: The amount of rich, fertile land needed to grow crops, such as wheat, rice, etc., is becoming less as we are using up more and more land for other purposes. Soil nutrients are also getting depleted and lots of chemicals are spoiling the soil due to use of chemical fertilisers.** **(b) Water: We use fresh water from rivers and ponds for drinking and cleaning but dump garbage into them. The rivers and ponds are getting polluted. This way after several years, we will have no clean water for our use.** **© Fuel: We are using a lot of wood from trees as fuels and for construction of homes and furniture. As more and more trees are being cut, it is affecting the climate of the place. Extreme weather conditions, such as floods, extreme cold or heat, are seen in many places, which affect the people living there.**
9 Ans.	Define upcycling? **Upcycling goes beyond recycling by not only reducing waste but also creating more valuable items from old materials. Upcycling transforms waste into higher quality products without breaking down materials at the molecular level, contributing to environmental sustainability and the circular economy**.
10 Ans	Explain the importance of education on sustainable development. **Education is the most important factor for sustainable development. Children who have gone to school will be able to do jobs so that they can take care of themselves and their families. Education helps us become aware of our role as a responsible citizen. We should** **1. use the facilities present in our areas.** **2. take our friends to school.** **3. help friends in study.** **4. stop friends from dropping out of school.**
11	Reduced inequalities is one of our sustainable goals". State the methods used to reduce inequalities.

Ans.	**To reduce inequalities, we can 1. be helpful to one another. 2. be friendly with everyone. 3. include everyone while working or playing. 4. help others by including everyone whether they are small or big, girl or boy, belong to any class or caste.**