

NADAR SARSWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch: B.E/EEE	Year / Semester : IV/VII	Format No.	NAC/TLP-07a.13
Subject Code : EE8703	Subject Name : Renewable Energy Sources	Rev. No.	02
Unit No : 1	Unit Name : Introduction	Date	30/09/20

OBJECTIVE TYPE QUESTION BANK

S.NO	Objective Questions (MCQ /True or False / Fill up with Choices)	BTL
1.	<p>1. Which of the following is not one of the major environment problems resulting from human interference in the nitrogen cycle?</p> <p>a) Nitrous oxide release increases global warming. b) Increased acid rain. c) Stratospheric ozone depletion. d) Eutrophication.</p> <p>2</p>	L1
2.	<p>Which of the following is not a major greenhouse gas?</p> <p>a) Water vapour b) Nitrogen c) Methane d) Carbon Dioxide</p>	L1
3.	<p>1. Which of the following is a disadvantage of renewable energy?</p> <p>a) High pollution b) Available only in few places c) High running cost d) Unreliable supply</p>	L1
4.	<p>A Solar cell is an electrical device that converts the energy of light directly into electricity by the _____</p> <p>a) Photovoltaic effect b) Chemical effect c) Atmospheric effect d) Physical effect</p>	L2
5.	<p>Wood is a renewable resource.</p> <p>a) True b) False</p>	L1
6.	<p>In hydroelectric power, what is necessary for the production of power throughout the year?</p> <p>a) Dams filled with water b) High amount of air c) High intense sunlight d) Nuclear power</p>	L2
	<p>The main composition of biogas is _____</p>	L1

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7.	a) Methane b) Carbon dioxide c) Nitrogen d) Hydrogen	
8.	Which Ministry is mainly responsible for research and development in renewable energy sources such as wind power, small hydro, biogas and solar power? a) Human Resource Development b) Agriculture and Farmers Welfare c) Ministry of New and Renewable Energy d) Health and Family Welfare	L2
9.	Which among the following have a large amount of installed grid interactive renewable power capacity in India? a) Wind power b) Solar power c) Biomass power d) Small Hydro power	L1
10.	The world's first 100% solar powered airport located at _____ a) Cochin, Kerala b) Bengaluru, Karnataka c) Chennai, Tamil Nadu d) Mumbai, Maharashtra	L2
11.	Which of the following is not under the Ministry of New and Renewable Energy? a) Wind energy b) Solar energy c) Tidal energy d) Large hydro	L2
12.	Where is the largest Wind Farm located in India? a) Jaisalmer Wind Park, Rajasthan b) Muppandal Wind Farm, Tamil Nadu c) Vaspeta Wind Farm, Maharashtra d) Chakala Wind Farm, Maharashtra	L1

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13.	Nuclear Energy is a Renewable Energy. a) True b) False	L1
14.	Which Indian enterprise has the Motto “ENERGY FOREVER”? a) Indian Renewable Energy Development Agency b) Indian Non-Renewable Energy Development c) Indian Agricultural Development d) Indian Biotechnology Development	L2
15.	A non-renewable resource is a finite resource. a) True b) False	L1
16.	Which of the below theory is related to non-renewable resources? a) Game Theory b) Phlogiston Theory c) Big Bang Theory d) Hotelling’s Theory	L1
17.	The primary composition of coal is _____ a) Nitrogen b) Carbon c) Oxygen d) Hydrogen	L2
18.	Which Ministry is mainly responsible for refining, distribution, import, export of petroleum products and natural gas in India? a) Ministry of Petroleum and Natural Gas b) Ministry of Fossil Fuel c) Ministry of Non-Renewable Energy d) Ministry of Oil	L2
19.	Sunlight, air, soil, and water are examples of (A) renewable resources (B) non- renewable resources (C) conventional resources (D) non-natural resources	L2

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20.	Which of the below theory is related to non-renewable resources? a) Game Theory b) Phlogiston Theory c) Big Bang Theory d) Hotelling's Theory	L2
21.	How many Nuclear power stations are there in India? a) 5 b) 6 c) 7 d) 8	L2
22.	What percentage of our energy use comes from fossil fuels? a)25 b) 45 c)56 d)49	L3
23.	The amount of oil that may become available for use is called oil _____. a.reserves b.reservoirs c. resources d.traps	L1
24.	_____ is an energy resource that WILL NOT run out in the next several hundred years. a. Renewable Energy Resource b. Nonrenewable Energy Resource c. Fossil Fuel d. Forever Fuel	L2
25.	Why are fossil fuels like coal, oil, and natural gas called nonrenewable resources? a. They can never be replaced. b. They cannot be easily replaced. c. They can be recycled. d. They can be made in factories.	

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26.	Why is recycling so important to the environment? a. It prevents the waste of both renewable and non-renewable resources b. It prevents the waste of non-renewable resources only c. It prevents non-renewable resources from being extracted from the ground d. It decreases the amount of time a renewable resource takes to regenerate	L2
27.	In Indian scenario how much wind power generated _____ a.1.2MW b.1.7KW c.2MW d.256 MW	L1
28.	In world scenario which country leads to generate maximum percentage of renewable energy a. India b. Bracil c.USA d. china	L2
29.	The carbon content of Lignite is in ____ % a.60 b.70 c.45 d.90	L1
30.	Diesel derived from crude oil in which temperature(degree Celsius) a.250-350 b.40-80 c.350-400 d.500-600	L1

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