



Which fossil fuel is formed from swamp plants that lived millions of years ago?

- (a) Coal
- (b) Nuclear
- (c) Methane
- (d) Natural gas
- (e) Petroleum (crude oil)

Answer: (a)

The best place to build a solar power plant would be in a....

- (a) Desert area with 40% annual average sunshine.
- (b) Forested area with 70% annual average sunshine.
- (c) Forested area with 40% annual average sunshine.
- (d) Flat open area with 40% annual average sunshine.
- (e) Flat open area with 70% annual average sunshine.

Answer: (e)

Areas with geothermal resources include

- (a) Large lakes that flow into rivers.
- (b) Large mountain ranges and forests.
- (c) Large tidal ranges and shallow water.
- (d) High wind velocities and open space areas.
- (e) Geysers, fumaroles, hot springs, and volcanoes.

Answer: (e)

Where would a wind farm generate the most energy?

- (a) In a city area with average wind speed of 5 miles per hour.
- (b) In a farm area with average wind speed of 8 miles per hour.
- (c) In a desert area with average wind speed of 10 miles per hour.
- (d) In a coastal area with average wind speed of 20 miles per hour.
- (e) On a mountaintop with average wind speed of 15 miles per hour.

Answer: (d)

In the year 2250, most of the world's energy will likely come from...

- (a) Coal and oil.
- (b) Natural gas and coal.
- (c) Nuclear power from uranium.
- (d) A mix of renewable energy sources.
- (e) Petroleum (crude oil) and natural gas.

Answer: (d)



Which type of electricity generation has the Least environmental Impact?

- (a) Wind turbines on the top of mountains.
- (b) A dam on a river to produce hydropower.
- (c) A coal burning power plant in a rural area.
- (d) A nuclear power plant on an island in a river.
- (e) A geothermal power plant in a hot earth area.

Answer: (e)

Ecology deals with the study of:

- (a) Living beings
- (b) Living and nonliving components
- (c) Reciprocal relationship between living and nonliving components
- (d) Environment

Answer: (c)

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Auto ecology deals with

- (a) Ecology of species
- (b) Ecology of many species
- (c) Ecology of community
- (d) All the above

Answer: (a)

Synecology deals with

- (a) Ecology of many species
- (b) Ecology of many populations
- (c) Ecology of community
- (d) None of the above

Answer: (c)

Ecotype is a type of species in which environmentally induced variations are

- (a) Temporary
- (b) Genetically fixed
- (c) Genetically not related
- (d) None of the above

Answer: (b)



The term 'Biocoenosis' was proposed by

- (a) Tansley
- (b) Carl Mobius
- (c) Warming
- (d) None of the above

Answer: (b)

The pyramid of energy in any ecosystem is

- (a) Always upright
- (b) May be upright or inverted
- (c) Always inverted
- (d) None of the above

Answer: (a)

Energy flow in ecosystem is

- (a) Unidirectional
- (b) Bidirectional
- (c) Multidirectional
- (d) None of the above

Answer: (a)

An ecosystem must have continuous external source of

- (a) Minerals
- (b) Energy
- (c) Food
- (d) All of the above

Answer: (b)

The source of energy in an ecosystem is

- (a) ATP
- (b) Sunlight
- (c) D.N.A (d) R.N.A

Answer: (b)

Trophic levels are formed by

- (a) Only plants
- (b) Only animals
- (c) Only carnivorous
- (d) Organisms linked in food chain

Answer: (d)



Biotic potential is counteracted by

- (a) Competition with other organisms
- (b) Producer is the largest
- (c) Limitation of food supply
- (d) None of the above

Answer: (d)

Check Also: [Environmental Science MCQs \(History of Environmental Thought\) Set-II](#)

Definition of ecosystem is

- (a) The community of organisms together with the environment in which they live
- (b) The abiotic component of a habitat
- (c) The part of the earth and its atmosphere which inhibits living organisms
- (d) A community of organisms interacting with one another

Answer: (a)

In a food chain of grassland ecosystem the top consumers are

- (a) Herbivorous
- (b) Carnivorous
- (c) Bacteria
- (d) Either carnivorous or herbivorous

Answer: (b)

MAB stands for

- (a) Man and biosphere
- (b) Man (antibiotics and bacteria)
- (c) Man and biotic community
- (d) Mayer, Anderson and Bisby

Answer: (a)

Species that occur in different geographical regions separated by special barrier are:

- (a) Allopatric
- (b) Sympatric
- (c) Sibling
- (d) None of the above

Answer: (a)

Which of the following is a nonrenewable energy resource?

- (a) Solar



- (b) Methane
- (c) Hydroelectric
- (d) Coal

Answer: (a)

The amount of oil that may become available for use is called oil _____.

- (a) Reserves
- (b) Reservoirs
- (c) Resources
- (d) Traps

Answer: (c)

A coal deposit that is not economical to mine today would be considered part of our _____.

- (a) Coal reserves
- (b) Coal resources
- (c) Coal reservoirs
- (d) None of these

Answer: (b)

Chemical reactions triggered by _____ transform organic material into hydrocarbons.

- (a) Solar energy
- (b) Hydroelectric
- (c) Elevated temperatures
- (d) Decomposition

Answer: (c)

Energy resources derived from natural organic materials are called _____.

- (a) Geothermal energy sources
- (b) Fossil fuels
- (c) Biomass
- (d) All of these

Answer: (b)

A permeable rock that contains hydrocarbon fluids and gasses is called a(n) _____.

- (a) Oil trap
- (b) Source bed
- (c) Oil reservoir
- (d) None of these



Answer: (c)

Two-thirds of the world's known oil reserves are located in _____.

- (a) Siberia
- (b) Gulf of Mexico and Caribbean
- (c) The Middle East
- (d) Indonesia

Answer: (c)

The world has the least amount of which of the following fuel types..

- (a) Oil
- (b) Coal
- (c) Uranium
- (d) There are roughly equal amounts of each of these fuels

Answer: (a)

At the current rate of world use, the remaining oil will be depleted in approximately _____ years.

- (a) 25
- (b) 100
- (c) 400
- (d) 2000

Answer: (b)

Burning of which of the following fuels produces the least amount of carbon dioxide per unit of energy?

- (a) Coal
- (b) Oil
- (c) Natural gas
- (d) All of these produce the same amount of carbon dioxide.

Answer: (c)

Which country contains about 50% of the world's coal resources?

- (a) United States
- (b) China
- (c) Canada
- (d) The former Soviet Union

Answer: (d)

Check Also: [Environmental Science MCQs \(History of Environmental Thought\) Set-II](#)



Which of the following problems is associated with the burning of coal?

- (a) Acid rain
- (b) Carbon dioxide emissions
- (c) Ash with toxic metal impurities
- (d) All of these

Answer: (d)

Nuclear energy is derived by _____.

- (a) Combustion of atoms of U 235
- (b) Fission of atoms of U 235
- (c) Fusion of atoms of U 235
- (d) The breaking of U 235 bonds

Answer: (b)

Which of the following energy sources does not produce carbon dioxide?

- (a) Oil
- (b) Uranium
- (c) Coal
- (d) Natural gas

Answer: (b)

About how many commercial nuclear power plants are there in the Pakistan?

- (a) 10 commercial nuclear power plants
- (b) 5 commercial nuclear power plants
- (c) 2 commercial nuclear power plants
- (d) 50 commercial nuclear power plants

Answer: (b)

Which of the following statements regarding the nuclear accident at Chernobyl in the Ukraine in 1986 is false?

- (a) Radioactive debris was blown into Scandinavia and Western Europe
- (b) Hundreds of square miles of land surrounding Chernobyl was contaminated and made uninhabitable
- (c) Food supplies in many countries had to be purified in order to be consumed
- (d) Excess deaths from cancer may be in the thousands over the next 40 years

Answer: (c)

Solar energy stored in material such as wood, grain, sugar, and municipal waste is called _____.

- (a) Fossil fuels
- (b) Biomass



- (c) Geothermal energy
- (d) Natural gas

Answer: (b)

What type of energy is derived from heated groundwater?

- (a) Solar energy
- (a) Geothermal energy
- (a) Hydroelectric energy
- (a) Nuclear energy

Answer: (c)

The world faces an energy crisis because _____.

- (a) World demand for energy will increase
- (b) World oil production will peak and begin to decline
- (c) Shortages and the resulting escalation of prices can shock the economic and political order
- (d) All of the above

Answer: (d)

The country which has the largest single concentration of the poor people in the world is

- (a) China
- (b) Pakistan
- (c) India
- (d) Nepal

Answer: (c)

Poverty as defined by World Bank implies living below

- (a) \$1 per day
- (b) \$100 per month
- (c) \$10 per day
- (d) \$100 per day

Answer: (a)

According to Ministry of Planning Development and Reforms that about ---- of the Pakistan's population is living below the poverty line.

- (a) 27%
- (b) 29%
- (c) 31%
- (d) 41%

Answer: (b)



Which province has the largest percentage of poor in Pakistan?

- (a) Punjab
- (b) Sindh
- (c) Khyber Pakhtunkhwa
- (d) Baluchistan

Answer: (d)

Which area has the largest percentage of poor in Pakistan?

- (a) FATA
- (b) Gilgit
- (c) Azad Kashmir
- (d) None of these

Answer: (a)

There has been a significant decline in poverty in the state of

- (a) Sindh
- (b) Punjab
- (c) Azad Jammu & Kashmir
- (d) Baluchistan

Answer: (c)

Poverty in Azad Jammu and Kashmir at 25 percent.

In Pakistan overall, 38 percent of the population was poor during the year

- (a) 2013-2014
- (b) 2014-2015
- (c) 2015-2016
- (d) 2016-2017

Answer: (c)

Define the statement which suggests that calories requirements in rural areas are considered to be higher than urban areas.

- (a) Because people in rural areas are poor.
- (b) Because people in rural areas are adversely affected by natural calamities.
- (c) Because people living in rural areas engage themselves in more physical work.
- (d) Because people living in rural areas are engaged in agriculture.

Answer: (c)

The calorie requirement is higher in rural areas because

- (a) they do not enjoy as much as people in urban areas
- (b) food items are expensive
- (c) they are unemployed



(d) people are engaged in more physical Labour Important Questions

Answer: (d)

BISP: The Benazir Income Support Programme (unconditional cash transfer poverty reduction program) Launched in

(a) November 2008

(b) July 2008

(c) July 2009

(d) August 2010

Answer: (b)

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