



**BRAINWARE UNIVERSITY**  
**Term End Examination 2020 - 21**  
 Programme – Bachelor of Law  
 Course Name – Environmental Studies  
 Course Code - ENV102

**Semester / Year - Semester I**

Time allotted : 75 Minutes

Full Marks : 60

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

**Group-A**

(Multiple Choice Type Question)

1 x 60=60

1. (Answer any Sixty )

(i) Fossil fuel and metallic minerals are

- |                        |                            |
|------------------------|----------------------------|
| a) Renewable resources | b) Non-renewable resources |
| c) Inexhaustible       | d) None of these           |

(ii) Examples of conventional type of renewable resources may be

- |                |                 |
|----------------|-----------------|
| a) Plants      | b) Wild life    |
| c) Aquaculture | d) All of these |

(iii) 71% of earth surface is covered with:

- |          |         |
|----------|---------|
| a) land  | b) air  |
| c) water | d) coal |

(iv) The important component of environment is

- |               |                 |
|---------------|-----------------|
| a) Biosphere  | b) Lithosphere  |
| c) Atmosphere | d) All of these |

(v) Boron, Zinc and Manganese are usually referred to as

- |                    |                    |
|--------------------|--------------------|
| a) micro materials | b) macro materials |
| c) soil vitamins   | d) mbz nutrients   |

(vi) Nonrenewable energy resources include

- a) coal
- b) nuclear
- c) oil
- d) All of these

(vii) The major renewable energy resources is/are

- a) Solar and wind
- b) water (hydro)
- c) Biomass and geothermal.
- d) All of these

(viii) Wind energy can be used to generate

- a) food
- b) fuel
- c) Hydro-electricity
- d) Electricity.

(ix) Biogas is a type of fuel

- a) which is a mixture of gases such as methane, carbon dioxide
- b) which is a mixture of liquid such as methane, carbon dioxide
- c) which is a mixture of elements such as methane, carbon dioxide
- d) None of these.

(x) Most stable ecosystem is

- a) Forest
- b) Desert
- c) Ocean
- d) Mountain

(xi) Earthworms and bacteria are called

- a) Producers
- b) Consumers
- c) Decomposers
- d) None of these

(xii) The Ecological pyramid that is always upright

- a) Pyramid of energy
- b) Pyramid of biomass
- c) Pyramid of number
- d) None of these

(xiii) In India, Tropical rain forest occurs in-

- a) Jammu and Kashmir
- c) Uttar Pradesh

- b) Andaman & Nicobar
- d) Himachal Pradesh

(xiv) Important abiotic factors in ecosystems include which of the following?

- a) temperature
- b) water
- c) wind
- d) both Temperature and Water

(xv) All of the following statements about ecology are correct except:

- a) Ecology is the study of the interactions between biotic and abiotic aspects of the environment
- b) Ecology is a discipline that is independent from natural selection and evolutionary history
- c) Ecologists may study populations and communities of organisms.
- d) Ecology spans increasingly comprehensive levels of organization, from individuals to ecosystems.

(xvi) Which of the following are important biotic factors that can affect the structure and organization of biological communities?

- a) nutrient availability, soil pH, light intensity
- b) precipitation, wind, temperature
- c) predation, competition, disease
- d) all of these

(xvii) The three major living components of an ecosystem are

- a) Producers, consumers and Decomposers
- b) Producers, Autotrophs and Decomposers
- c) Heterotrophs, Consumers and Reducers
- d) Detritivores, Consumers and Phototrophs

(xviii) Sustainable development means

- a) meeting present needs without compromising the future
- b) progress in human being
- c) balance between the human needs and ability of earth to provide resources
- d) all of these

(xix) Biodiversity means

- a) The living natural resources
- b) Land and forest
- c) Oceans and sea
- d) Atmosphere

(xx) Among the ten different biogeographic zones in India, which zone is the largest biogeographic region?

- a) Himalayas
- b) Desert
- c) Semi-Arid
- d) Deccan plateau

(xxi) How many levels of planning are used for the biogeographical classification in India?

- a) One
- b) Two
- c) Three
- d) Four

(xxii) Which is the largest unit of the Great Plain of India?

- a) Brahmaputra plain
- b) Punjab-Haryana plain
- c) Gangetic plain
- d) Godavari plain

(xxiii) What are called for the value of nature's products that are consumed directly?

- a) Productive value
- b) Indirect value
- c) Non-consumptive value
- d) Consumptive value

(xxiv) "Flowers offered to the god" is an example of \_\_\_\_\_

- a) Non-consumptive values of biodiversity
- b) Consumptive values of biodiversity
- c) Social value of biodiversity
- d) Ethical values of biodiversity

(xxv) Which one of the following values of diversity we can classified for 'The beauty of waterfall in the Western Ghats'?

- a) Ethical values
- b) Social values
- c) Option values
- d) Aesthetic values

(xxvi) Which one of the following is not used for Ex-situ plant conservation?

- a) Seed banks
- b) Field gene banks
- c) Shifting cultivation
- d) Botanical Gardens

(xxvii) Which of the following areas in India are known as hotspot of biodiversity?

- a) Sundarbans Deltas
- b) Western Ghats
- c) Eastern Ghats
- d) Gangetic Plain

(xxviii) Biodiversity is directly involved in

- a) water purification
- b) recycling nutrients
- c) providing fertile soil
- d) all of these

(xxix) Who among the following defined the term biodiversity hot spots?

- a) Norman Myers
- b) Aziz Ab'Saber
- c) Charles Christopher Adams
- d) Warder Clyde Allee

(xxx) Which of the following is not the biodiversity hotspot region?

- a) California Floristic Province
- b) Madre an pine-oak woodlands
- c) Mesoamerica
- d) Antarctica

(xxxi) The concept of Mega-diverse countries was first developed by ----- in 1988.

- a) Norman Myers
- b) Russell Mittermeier
- c) Aziz Ab'Saber
- d) Charles Christopher Adams

(xxxii) Which of the following two regions from India included as hot spot?

- a) Eastern Himalayas and Western Ghats
- b) Western Himalayas and Western Ghats
- c) Northern Himalayas and Western Ghats
- d) Southern Himalayas and Western Ghats

(xxxiii) Which of the following is the example of impact of development

activities on hydrosphere?

- a) Air pollution
- b) Soil pollution
- c) Noise pollution
- d) Water pollution

(xxxiv) Noise is measured using sound meter and the unit is

- a) Hertz
- b) Decibel
- c) Joule
- d) none of these

(xxxv) The term “Environment” means

- a) Sum total of all conditions that the life and development of all organisms on earth
- b) A beautiful earth
- c) Earth and water
- d) A combination of plants and animals

(xxxvi) “Greenhouse effect” with respect to global warming refers to-

- a) Cooling & moist condition
- b) Warming effect
- c) Increased rainfall & greener
- d) Desertification

(xxxvii) Atmospheric ozone layer which protect us from UV-B & C is getting depleted most by addition of-

- a) Chlorofluorocarbon
- b) Carbon monoxide
- c) Carbon dioxide
- d) Sulfur dioxide

(xxxviii) Area of land, water and air where the life exists is called

- a) Biosphere
- b) Lithosphere
- c) Atmosphere
- d) Hydrosphere

(xxxix) Chipko movement was started to conserve

- a) Forests
- b) Grasslands
- c) Deserts
- d) Soil

(xl) The sudden increase in the population of the species is

- a) population growth
- b) population explosion
- c) over population
- d) all of these

(xli) The TAJ MAHAL at AGRA may be damaged by

- a) Sulphur dioxide
- b) Sulphur oxide
- c) chlorine
- d) hydrogen oxygen

(xlii) The atmosphere of big cities is polluted most by,

- a) household waste
- b) radioactive falls out
- c) automobile exhausts
- d) pesticides

(xliii) Which of the following is not the environment effect of industrialization in general?

- a) solid waste
- b) water pollution
- c) air pollution
- d) economic growth

(xliv) Sustainable Development focuses on more use of:

- a) Renewable resources
- b) Abiotic resources
- c) Agricultural resources
- d) Natural resources

(xlv) The idea of sustainable development was conceived in early

- a) 1950
- b) 1960
- c) 1970
- d) 1980

(xlvi) The definition of sustainable development was expressed during the World Commission on Environment and Development in 1987, chaired by

- a) Gro Harlem Brundtland
- b) Murray Bookchin
- c) Rees and WackernackeJ
- d) John Elkington

(xlvii) When was the Universal Declaration of Human Rights adopted?

- a) 17877
- b) 17847

c) 17816

d) 17786

(xlviii) How many articles does the Universal Declaration of Human Rights contain?

a) 40

b) 30

c) 50

d) 20

(xlix) When is Human Rights Day observed?

a) 10 December each year.

b) 12 December each year.

c) 18 December each year

d) 20 December each year.

(l) When did Janani Suraksha Yojana launched?

a) 2000

b) 2005

c) 2010

d) 2015

(li) Which is the first country to initiate a Family Planning program in the world?

a) Brazil

b) Pakistan

c) India

d) France

(lii) When the Family Planning Insurance Scheme was introduced?

a) 2003

b) 2005

c) 2007

d) 2009

(liii) Which is the first State in India to recognize the basic relevance of family planning to nation planning?

a) Kerala

b) Goa

c) Karnataka

d) Tamil Nadu

(liv) Why is family planning important?

a) For birth control issues

b) For having unwanted pregnancies



c) For having child every year

d) To get pregnant before the age of twenty

(lv) What is called the term which refers to an unhealthful intake of dietary nutrients?

a) Healthy food

b) Foul food

c) Malnutrition

d) Nutritious food

(lvi) Which one of the following is a result of high exposure of radiation?

a) Loss of white blood cells

b) Hair loss

c) Tooth decay

d) Leg fracture

(lvii) How many percentages of water approximately present in human body?

a) 0.5

b) 0.6

c) 0.7

d) 0.8

(lviii) The current rates of disease are increasing at alarming speeds and most are closely linked with known\_\_\_\_\_

a) Carcinogens

b) Invigorating

c) Organic farming

d) Balanced diet

(lix) Which one of the following is an effect due to environmental pollution for human health?

a) Increase in the male fertility

b) Decrease in the carcinogen cells

c) Decrease in the mental stress

d) Decrease in the male fertility

(lx) The sudden increase\e in the population of the species is

a) population growth

b) population explosion

c) over population

d) all of these