



## BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Business Administration

Course Name – Environmental Studies

Course Code - ENV201

( Semester II )

Time allotted : 1 Hrs.30 Min.

Full Marks : 75

[The figure in the margin indicates full marks.]

### Group-A

(Multiple Choice Type Question)

1 x 75=75

Choose the correct alternative from the following :

(1) Which one is not secondary pollutant?

- |          |                    |
|----------|--------------------|
| a) Smog  | b) PAN             |
| c) Ozone | d) CO <sub>2</sub> |

(2) The name of the disease that occurs due to mercury pollution is

- |                      |                  |
|----------------------|------------------|
| a) Minamata disease  | b) Skin cancer   |
| c) Ouch-ouch disease | d) Kidney damage |

(3) Montreal Protocol is related to

- |                               |                           |
|-------------------------------|---------------------------|
| a) Land pollution             | b) Noise Pollution        |
| c) Production and use of CFCs | d) Increase of population |

(4) Ozone acts as a protective shield when it resides in

- |                 |                 |
|-----------------|-----------------|
| a) Mesosphere   | b) Stratosphere |
| c) Thermosphere | d) Troposphere  |

(5)

The common unit of noise is

- |       |            |
|-------|------------|
| a) Kg | b) Hz      |
| c) gm | d) Decibel |

(6) Biotic factor of eco-system is

- |             |         |
|-------------|---------|
| a) Sunlight | b) Soil |
| c) Wind     | d) Tree |

(7) Grassland ecosystem is occupied by nearly..... of Earth surface

- a) 21%      b) 50%
- c) 70%      d) 80%
- (8) The coldest region of atmosphere is
- a) Troposphere      b) Ionosphere
- c) Mesosphere      d) Stratosphere
- (9) Example of natural event that cause environmental degradation is
- a) Volcanic eruption      b) Earthquake
- c) Cyclone      d) All of these
- (10) The major component of air is
- a) Nitrogen      b) Oxygen
- c) Carbon dioxide      d) Water vapour
- (11) Bhopal gas tragedy occurred in
- a) December 1984      b) December 1983
- c) July 1984      d) July 1983
- (12) Biomagnification means.....
- a) accumulation of a chemical by an organism from water and food exposure      b) accumulation of a chemical by an organism from air
- c) accumulation of a chemical by an organism from laboratories      d) All of the above
- (13) To monitor the state level environmental issues and problems, Supreme court of India has established
- a) Green bench      b) Pollution Control Board
- c) Department of Environment      d) Department of Biotechnology
- (14)
- Medha Patekar is related to
- a) Chipko Movement      b) NarmodaBachao Movement
- c) Operation Flood      d) Green revolution
- (15) Lithosphere means
- a) Air      b) Organisms
- c) Water      d) Rocks and soils
- (16) The gas which is not responsible for greenhouse effect is
- a) Carbon monoxide      b) Hydrogen sulfide
- c) Water vapour      d) Methane
- (17) The non-renewable energy resource is
- a) Sunlight      b) Wind
- c) Wild-life      d) Fossil fuels
- (18) World Environment Day is observed every year on
- a) June 5      b) July 5
- c) August 5      d) September 5
- (19) A scientist who studies interaction between plants and animals is
- a) A physicist      b) Achemist
- c) Ageologist      d) An ecologist



- a) Over cultivation of land  
 c) Some atmospheric gases like CO<sub>2</sub>, N<sub>2</sub>O and some man-made gases
- b) Testing nuclear weapons  
 d) Soil pollution
- (33) BOD means
- a) Biological oxygen demand  
 c) Biggest oxygen demand
- b) Biochemical oxygen demand  
 d) Bio oxygen dissolved
- (34) Which one of the following ozones is harmful to public health
- a) Stratospheric ozone  
 c) Laboratory ozone
- b) Tropospheric ozone  
 d) Lithospheric ozone
- (35) WAS stands for
- a) Waste activated system  
 c) Waste activated sludge.
- b) Waste affected slurry  
 d) Waste activation stock
- (36) Which of the following is not biodegradable
- a) Polythene  
 c) Vegetable waste
- b) Cotton  
 d) Wood
- (37) Contaminated water causes disease due to
- a) Increase of pathogens  
 c) Increase of COD
- b) Increase of BOD  
 d) Increase of DO
- (38) The important component of environment is
- a) Biosphere  
 c) Atmosphere
- b) Lithosphere  
 d) All of these
- (39) Tree hugging movement is
- a) Chipko Andolan  
 c) Narmoda dam movement
- b) Silent valley movement  
 d) Tehri dam movement
- (40) Drought can be classified as
- a) Metrological drought  
 c) Agricultural drought
- b) Hydrological drought  
 d) All of the above
- (41) Density of water is maximum at
- a) 0°C  
 c) 100 °C
- b) 4 °C  
 d) - 4 °C
- (42) Energy flow in an ecosystem is
- a) Unidirectional  
 c) May be unidirectional or cyclic depending on condition
- b) Cyclic  
 d) Bidirectional
- (43) The main pathogen present in contaminated water is
- a) Bacteria  
 c) Protozoa
- b) Algae  
 d) All of the these
- (44) In BOD test the BOD bottles are stoppered to
- a) Prevent mixing of carbon dioxide  
 c) Prevent mixing of oxygen
- b) Prevent mixing of ozone  
 d) Prevent mixing of inert gases
- (45) The imaginary line between crust and mantle is

- a) Moho discontinuity  
c) Gutenberg discontinuity
- (46) Hazardous waste should have characteristics  
a) Reactivity  
c) Toxicity
- (47) The main component of soil is  
a) Oxygen  
c) Potassium
- (48) The best method of disposal of biodegradable nonhazardous solid waste is  
a) Open dumping  
c) Incineration
- (49) Effect of noise pollution is mainly on  
a) Physical health  
c) Heart Rate
- (50) Examples of second tropic level organism is  
a) Plant  
c) Tiger
- (51) The asthenosphere makes up the  
a) Upper portion of the mantle  
c) Between upper and lower mantle
- (52) Phosphorus is the main constituent of  
a) ATP  
c) Both ATP and ADP
- (53) The maximum sustainable yield is obtained when the population is  
a) Half of the carrying capacity  
c) Two third of the carrying capacity
- (54) Which one of the following is not a sustainable development goal to be achieved by 2030?  
a) Gender Equity  
c) Good Health and Well Being
- (55) The most toxic volatile organic compound is  
a) Vinyl chloride  
c) Chloroethane
- (56) The main component of stratosphere is  
a) O<sub>3</sub>  
c) NO
- (57) In pulmonotoxicity the targeted body part is  
a) Liver  
c) Lungs
- (58) Example of micro-nutrient is
- b) Conrad discontinuity  
d) Seismic discontinuity
- b) Corrosivity  
d) All of the these
- b) Silicon  
d) Iron
- b) Sanitary land filling  
d) Composting
- b) Mental health  
d) All of the above
- b) Small fish  
d) Lion
- b) Lower portion of the crust  
d) Below the lower mantle
- b) ADP  
d) APT
- b) Double of the carrying capacity  
d) Three fourth of the carrying capacity
- b) Zero Hunger  
d) Space Research
- b) Carbon tetrachloride  
d) Methane
- b) H<sub>2</sub>  
d) SO<sub>2</sub>
- b) Blood  
d) Kidney

- a) N  
c) Cr
- b) C  
d) S
- (59) With increase in temperature the DO in water  
a) Decreases  
c) Remains same
- b) Increases  
d) Cannot be predicted
- (60) The essential component of photosynthesis is  
a) CO<sub>2</sub>  
c) Solar energy
- b) H<sub>2</sub>O  
d) All of these
- (61) Acid which may act as buffer is  
a) H<sub>2</sub>CO<sub>3</sub>  
c) HNO<sub>3</sub>
- b) HCl  
d) H<sub>2</sub>SO<sub>4</sub>
- (62) The nature of pyramid of energy in successive trophic level is  
a) Inverted  
c) Can be both inverted and upright
- b) Upright  
d) Horizontal
- (63) Edaphic factors of ecosystem are related to  
a) Soil  
c) Air
- b) Water  
d) Soil, water, air
- (64) In symbiosis  
a) Two species are mutually benefited  
c) No species are benefited
- b) Only one is benefited  
d) Species depend on others
- (65) In USG the wave used is  
a) Sound wave  
c) Heat wave
- b) Light wave  
d) Water wave
- (66) The topographic factor in an ecosystem is  
a) Altitude of mountains  
c) Direction of mountains
- b) Slope of mountains  
d) All of these
- (67) The Air (prevention and control of pollution) Act was enacted by the parliament in  
a) 1981  
c) 1986
- b) 1984  
d) 1990
- (68) The wildlife (protection) act was enacted in the parliament in  
a) 1972  
c) 1976
- b) 1974  
d) 1980
- (69) The mangrove forest in west Bengal is named Sunderban mainly due to presence of trees  
a) Goran  
c) Kloria
- b) Garjan  
d) Sundari
- (70) Tundra occurs due to  
a) Low temperature and low moisture  
c) High rainfall and high moisture
- b) Low temperature and high moisture  
d) Moderate rainfall and moderate temperature
- (71) The main contributor of carbon dioxide in the atmosphere

- a) Oil
- c) Natural gas

- b) Coal
- d) Tree

(72) The most unwanted MSW can be

- a) Metals
- c) Plastics

- b) Papers
- d) Glasses

(73) The toxicity of  $^{45}\text{Ca}$  is related to

- a) Bone
- c) Blood

- b) Thyroid
- d) Typhoid

(74) Meningitis is caused by

- a) Bacteria
- c) Protozoa

- b) Virus
- d) Fungi

(75) The expected rise in global temperature by the year 2030 is

- a) 10 °C
- c) 3 °C

- b) 8 °C
- d) 5 °C