



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 ₂ |

(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) Over cultivation of land
 c) Some atmospheric gases like CO₂, N₂O 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
- b) Conrad discontinuity
d) Seismic discontinuity
- (46) Hazardous waste should have characteristics
- a) Reactivity
c) Toxicity
- b) Corrosivity
d) All of the these
- (47) The main component of soil is
- a) Oxygen
c) Potassium
- b) Silicon
d) Iron
- (48) The best method of disposal of biodegradable nonhazardous solid waste is
- a) Open dumping
c) Incineration
- b) Sanitary land filling
d) Composting
- (49) Effect of noise pollution is mainly on
- a) Physical health
c) Heart Rate
- b) Mental health
d) All of the above
- (50) Examples of second trophic level organism is
- a) Plant
c) Tiger
- b) Small fish
d) Lion
- (51) The asthenosphere makes up the
- a) Upper portion of the mantle
c) Between upper and lower mantle
- b) Lower portion of the crust
d) Below the lower mantle
- (52) Phosphorus is the main constituent of
- a) ATP
c) Both ATP and ADP
- b) ADP
d) APT
- (53) The maximum sustainable yield is obtained when the population is
- a) Half of the carrying capacity
c) Two third of the carrying capacity
- b) Double of the carrying capacity
d) Three fourth 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
- b) Zero Hunger
d) Space Research
- (55) The most toxic volatile organic compound is
- a) Vinyl chloride
c) Chloroethane
- b) Carbon tetrachloride
d) Methane
- (56) The main component of stratosphere is
- a) O₃
c) NO
- b) H₂
d) SO₂
- (57) In pulmonotoxicity the targeted body part is
- a) Liver
c) Lungs
- b) Blood
d) Kidney
- (58) Example of micro-nutrient is

- 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) CO₂
c) Solar energy
- b) H₂O
d) All of these
- (61) Acid which may act as buffer is
- a) H₂CO₃
c) HNO₃
- b) HCl
d) H₂SO₄
- (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 Ca-45 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