



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Science (Honours) in Animation & Multimedia

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) Ganga Action Plan was initiated by the prime minister

a) Indira Gandhi	b) Narendra Modi
c) Rahul Gandhi	d) Rajiv Gandhi
- (2) What is the full form of PAN?

a) Peroxyacyl Nitrate	b) Oxyacyl Nitrate
c) Acyl Nitrate	d) Peroxyacetyl Nitrate
- (3) Water is called polluted when DO level drops below

a) 5 PPM	b) 8 PPM
c) 10 PPM	d) 15 PPM
- (4) Example of Ex-situ conservation

a) Conservation of plants in botanical garden	b) Sundarbans
c) Wind	d) Both Conservation of plants in botanical garden and wind
- (5) The abnormal growth and activities of a cell may cause

a) Cancer	b) Typhoid
c) Cholera	d) Malaria
- (6) The audio range of human is

a) 20-20,000 Hz	b) 200-20,000 Hz
c) 2000-5000 Hz	d) 500-5500 Hz
- (7) Hydrosphere consists of

a) Air layer	b) Rocks
c) Soil	d) Water bodies and oceans
- (8) Green House gas is

a) Methane	b) Water vapour
c) Carbon monoxide	d) All of these
- (9) Ozone hole in Antarctica is due to

- a) 3-6
c) 11-14
- b) 9-11
d) 6-9
- (23) A lake rich of nutrient is called
a) Oligotrophic lake
c) Eutrophic lake
b) Mesotrophic lake
d) Aziotrophic lake
- (24) The hottest region of the atmosphere is
a) Troposphere
c) Mesosphere
b) Ionosphere or Thermosphere
d) Stratosphere
- (25) Maintaining and judiciously using the environment for human purposes is called
a) Conservation of atmosphere
c) Maintenance of atmosphere
b) Maintenance of environment
d) Conservation of environment
- (26) In the industrial area noise is measured by
a) L_{10} (18 hrs) index
c) L_{epn}
b) L_{eq}
d) L_{aq}
- (27) In what medium sound can propagate fast?
a) Gas
c) Liquid
b) Solid
d) All of these
- (28) In which of the following ecosystem, the food web involves more species and more trophic levels?
a) Grassland
c) Desert
b) Ocean
d) Glacier
- (29) The physical component of eco-system is
a) Carbon
c) Light
b) Oxygen
d) Nitrogen
- (30) Forest mainly have
a) Protective function
c) Accessory function
b) Productive function
d) All of above
- (31) Non symbiotic bacteria is
a) Rhizobium
c) Azotobactor
b) Anabena
d) Nostoc
- (32) Which form of nitrogen is taken by plant?
a) Nitrate (NO_3^-)
c) both nitrate and nitrite
b) Nitrite (NO_2^-)
d) Nitrogen (N_2)
- (33) The decomposition of dead-bodies of animal and plant by the bacteria such as bacillus subtilis is known as
a) Ammonification
c) Carbonification
b) Nitrification
d) Oxygenation
- (34) Lapse rate refers to
a) Population increases in area with increase of temperature
c) Temperature increases with increase in elevation
b) Temperature decreases with increase in elevation
d) Both temperature decreases and increases with increase in elevation
- (35) The maximum quantity of fresh water occurs in
a) Rivers
c) Polar ice caps and glaciers
b) Ground water
d) Sea water
- (36) Which one of the following can be used for disinfection of water

- a) Chlorine
c) Ozone
- (37) Eutrophication means
a) Thermal change of water
c) Filling up of water bodies with aquatic plants due to less nutrient
- (38) Smog is a combination of.....
a) Mixture of Smoke and water
c) Mixture of Smoke and Fog
- (39) WAS stands for
a) Waste activated system
c) Waste activated sludge.
- (40) The temperature range of troposphere is
a) -2 to -92 °C
c) -56 to -2 °C
- (41) Sulphur cycle is
a) Hydrologic cycle
c) Sedimentary cycle
- (42) Tree hugging movement is
a) Chipko Andolan
c) Narmoda dam movement
- (43) The causes of landslide is not due to
a) Deforestation
c) Industrialisation
- (44) Biotic factor is related to
a) Living organisms
c) Both living and nonliving organisms
- (45) Nitrogen cycle is
a) Gaseous cycle
c) Sedimentary cycle
- (46) Main component of mesosphere is
a) CO₂
c) O₂⁺
- (47) The main component of photochemical smog
a) Water vapour
c) Oxides of Nitrogen
- (48) The most toxic chemical as carcinogen is
a) Carbon tetrachloride
c) Tetrachloro ethylene
- (49) The imaginary line between crust and mantle is
a) Moho discontinuity
c) Gutenberg discontinuity
- (50) The primary rock in the lithosphere is
a) Metamorphic rock
- b) Hydrogen peroxide
d) Both chlorine and ozone
- b) Filling up of water bodies with aquatic plants due to extra nutrient
d) Solid waste
- b) Mixture of Smoke and dust particles
d) All of the above
- b) Waste affected slurry
d) Waste activation stock
- b) 15 to -56 °C
d) -92 to 1200 °C
- b) Gaseous cycle
d) Hydrolytic cycle
- b) Silent valley movement
d) Tehri dam movement
- b) Road construction
d) Noise pollution
- b) Non living organisms
d) Cloud
- b) Hydrologic cycle
d) All of the these.
- b) NO⁺
d) Both NO⁺ and O₂⁺
- b) Sulphur dioxide
d) All of the these
- b) Vinyl chloride
d) Trichloro ethylene
- b) Conrad discontinuity
d) Seismic discontinuity
- b) Igneous rock

- c) Sedimentary rock
d) All of the these
- (51) The best method of disposal of biodegradable nonhazardous solid waste is
a) Open dumping
b) Sanitary land filling
c) Incineration
d) Composting
- (52) The various factors of environment are
a) Physical factor
b) Chemical factor
c) Biological factor
d) All of the above
- (53) The asthenosphere makes up the
a) Upper portion of the mantle
b) Lower portion of the crust
c) Between upper and lower mantle
d) Below the lower mantle
- (54) In genotoxicity the target area is
a) Liver
b) Kidney
c) Blood
d) Gene
- (55) Example(s) of conventional type of renewable resources may be
a) Plants
b) Wildlife
c) Aquaculture
d) All of the above
- (56) Phosphorus is the main constituent of
a) ATP
b) ADP
c) Both ATP and ADP
d) APT
- (57) By using photovoltaic cell solar energy can be converted into
a) Thermal energy
b) Mechanical energy
c) Electrical energy
d) All of the above
- (58) The main attribute of population growth is
a) Birth rate
b) Immigration rate
c) Emmigration rate
d) Death rate
- (59) The ecological factors can be
a) Wind
b) Light
c) Humidity
d) All of the above
- (60) Which one of the following is not a sustainable development goal to be achieved by 2030?
a) Gender Equity
b) Zero Hunger
c) Good Health and Well Being
d) Space Research
- (61) The thickness of mantle is about
a) 2800km
b) 5000 km
c) 1000 km
d) 10000 km
- (62) The main chemical responsible for hematotoxicity is
a) CO
b) CO₂
c) NO₂
d) SO₂
- (63) Which state is the maximum wind energy producer
a) Gujarat
b) Tamil Nadu
c) Kerala
d) Rajasthan
- (64) The exchange of mass and energy takes place in
a) Closed system
b) Open system
c) Isolated system
d) Homogenous system
- (65) Example of micro-nutrient is
a) N
b) C
c) Cr
d) S

- (66) In laboratory the BOD reaction gets completed in
- a) 2 days
 - b) 5 days
 - c) 6 days
 - d) 8 days
- (67) Pitcher plant is an example of
- a) Epiphytes
 - b) Symbionts
 - c) Commensals
 - d) None of these
- (68) The coenzyme responsible for conversion of mercury to methyl mercury is
- a) Vitamin B₁₂
 - b) Vitamin C
 - c) Vitamin D
 - d) Vitamin E
- (69) In poor countries the TFR values most approximately is
- a) 7.0
 - b) 1.5
 - c) 3.5
 - d) 0.5
- (70) Water will be considered saline if the TDS value is
- a) <1500mg/l
 - b) >5000mg/l
 - c) <500mg/l
 - d) <100mg/l
- (71) The environmental protection act was introduced in
- a) 1980
 - b) 1984
 - c) 1985
 - d) 1986
- (72) The components of environmental auditing are
- a) Assessment
 - b) Verification
 - c) The Audit process
 - d) Assessment, verification, audit
- (73) The Sunderban mangrove forest in west Bengal is located in the district of
- a) Purba Midnapur
 - b) Birbhum
 - c) Nadia
 - d) 24 Paraganas
- (74) According to FAO(Food and Agriculture Organization of the United Nations) the percentage of tropical rain forest in the world is about
- a) 15 %
 - b) 35 %
 - c) 24 %
 - d) 13 %
- (75) Nutrient flow in an ecosystem is
- a) Cyclic
 - b) Irreversible
 - c) Both cyclic and irreversible
 - d) Reversible not cyclic