# Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021

Course Name - - Environmental Studies Course Code - ENV201

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- Bachelor of Physiotherapy
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- Dip.CSE
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- .. . - -

- PGDHM
- MBA
- M.SC.(BT)
- M.TECH(CSE)
- M.A.(JMC)
- M.A.(ENG)
- M.SC.(MATH)
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- MCA
- M.SC.(MSJ)
- M.SC.(AM)
- M.SC.CS)
- M.SC.(ANCS)
- M.SC.(MM)
- B.A.(Eng)

Answer all the questions. Each question carry one mark.

9. 1. Which one is secondary pollutant?

- Water Pollutant
- Air Pollutan
- Solid Waste
- Noise pollutant

## 10. 2. The most potentially renewable energy resource is

Mark only one oval.

$\square$	Sunlight
$\square$	Wind
$\square$	Tidal energy
$\square$	Biomass

11. 3. pH of the acid rain varies between

Mark only one oval.



12. 4. The physical component of eco-system is

Mark only one oval.



\_\_\_\_\_ Light

Nitrogen

13. 5. WAS stands for

Mark only one oval.

- Waste activated system
- Waste affected slurry
- Waste activated sludge.
- Waste activation stock
- 14. 6.Green House gas is

Mark only one oval.

- Carbon monoxide
- Water vapour
- Sulfur dioxide
- All of these
- 15. 7. The loss of chlorophyll causing yellowing of leaf is

- Chlorosis
- Photosynthesis
- Chlorolysis
- None of these

16. 8. Aircraft noise is measured by

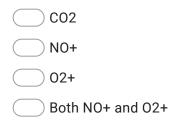
Mark only one oval.

$\square$	🔵 L10 (18 hrs) index
$\square$	Leq
$\square$	Lepn
$\square$	Laq

# 17. 9. BOD means

Mark only one oval.

- Biological oxygen demand
- Biochemical oxygen demand
- Biggest oxygen demand
- Bio oxygen dissolved
- 18. 10. Main component of mesosphere is



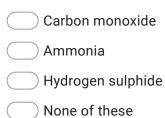
#### 19. 11. The common unit of noise is

Mark only one oval.



20. 12. Air pollutant which reduces oxygen carrying capacity of hemoglobin is

Mark only one oval.



21. 13. The audio sense of human is most sharp in the range

Mark only one oval.

500-700 Hz

- \_\_\_\_ 1000-1500 Hz
- 1500-2000 Hz
- 2000-5500 Hz

#### 22. 14. Which one of the following can be used for disinfection of water

Mark only one oval.

Chlorine
Hydrogen peroxide

Ozone

🔵 Both a and c

23. 15. Biotic factor is related to

Mark only one oval.

- Living organisms
- Non living organisms
- Both living and nonliving organisms
- Fungus
- 24. 16. The abnormal growth and activities of a cell may cause

# Mark only one oval.

Cancer

Typhoid

Cholera

📃 Malaria

25. 17. To monitor the state level environmental issues and problems, Supreme court of India has established

Mark only one oval.

Green bench

- Pollution Control Board
- Department of Environment
- Department of Biotechnology
- 26. 18. In the industrial area noise is measured by

Mark only one oval.



- \_\_\_\_) Leq
- 🔵 Lepn
- Laq
- 27. 19. The Montreal protocol is related to

- Land pollution
- Atmospheric pollution
- Water pollution
- Noise pollution

#### 28. 20. The causes of landslide is NOT due to

Mark only one oval.

Deforestation

- Road construction
- Industrialisation
- Noise pollution
- 29. 21. Water is called polluted when DO level drops below

Mark only one oval.

- 5 PPM
- 15 PPM
- 30. 22. The major component of air is

Mark only one oval.

Nitrogen

Oxygen

- Carbon dioxide
- 🔵 Water vapour

# 31. 23. World Environment Day is observed every year on

Mark only one oval.

June 5 July 5 August 5 September 5

32. 24. Non symbiotic bacteria is

Mark only one oval.

- Rhizobium
- Anabena
- Azotobactor
- Nostoc
- 33. 25. Sulphur cycle is

- Hydrologic cycle
- Gaseous cycle
- Sedimentary cycle
- Hydrolytic cycle

#### 34. 26. Which one is not secondary pollutant?

Mark only one oval.



35. 27. The coldest region of atmosphere is

Mark only one oval.

- Troposphere
- lonosphere
- Mesosphere
- Stratosphere
- 36. 28. A lake rich of nutrient is called

- Oligotrophic lake
- Mesotrophic lake
- Eutrophic lake
- Aziotrophic lake

37. 29. Forest mainly have

Mark only one oval.

Protective function

Productive function

Accessory function

All of above

38. 30. Which of the following is not biodegradable

Mark only one oval.

- Cotton
- 📃 Vegetable waste
- Polythene
- 🔵 Wood
- 39. 31. Ozone hole in Antarctica is due to

Mark only one oval.

Methane

Carbon dioxide

CFC

Nitrogen

40. 32. How many hot spots of biodiversity are present in India?

Mark only one oval.



41. 33. A person might be killed if the sound is above

Mark only one oval.

- \_\_\_\_\_ 120 dB
- \_\_\_\_\_ 140 dB
- \_\_\_\_\_ 150dB
- \_\_\_\_\_ 130 dB
- 42. 34. Which one of the following ozones is harmful to public health



- Laboratory ozone
- Tropospheric ozone
- \_\_\_\_\_ Lithospheric ozone

#### 43. 35. The main component of photochemical smog

Mark only one oval.

Water vapour

- Sulphur dioxide
- Oxides of Nitrogen
- All of them
- 44. 36. Biotic factor of eco-system is

Mark only one oval.

S	unlight
---	---------

- Soil
- Tree
- Wind
- 45. 37. Lithosphere means

Mark only one oval.

Air

- Organisms
- Rocks and soils

🔵 Water

46. 38. A young 18 year old person has the audio range between

Mark only one oval.

30-30000 Hz

- 40-40000 Hz
- 20-20000 Hz
- 50-50000 Hz
- 47. 39. Eutrophication means

Mark only one oval.

- Thermal change of water
- Filling up of water bodies with aquatic plants due to less nutrient
- Filling up of water bodies with aquatic plants due to extra nutrient
- 🔵 Solid waste
- 48. 40. Energy flow in an ecosystem is

Mark only one oval.

Cyclic

- May be unidirectional or cyclic depending on condition
- Unidirectional
- Cannot be said

#### 49. 41. Ozone acts as a protective shield when it resides in

Mark only one oval.

Mesosphere

- Thermosphere
- Stratosphere
- Troposphere
- 50. 42. Medha Patekar is related to

Mark only one oval.

- Chipko Movement
- Operation Flood
- NarmodaBachao Movement
- Green revolution
- 51. 43. The noise threshold limit values for 16 hours is

- 90 dB
- 110 dB
- 80 dB
- 100 dB

52. 44. Lapse rate refers to

Mark only one oval.

Temperature decreases with increase in elevation

Temperature decreases with decrease in elevation

📃 Both a and b

Population increases in area with increase of temperature

## 53. 45. Drought can be classified as

Mark only one oval.

- Metrological drought
- Hydrological drought
- Agricultural drought
- All of the above
- 54. 46. Montreal Protocol is related to

- Land pollution
- Noise Pollution
- Production and use of CFCs
- Increase of population

#### 55. 47. Kyoto Protocol is related to

Mark only one oval.

Ozone layer depletion

SPM SPM

- 📃 Greenhouse gases
- Water pollution
- 56. 48. A scientist who studies interaction between plants and animals is

Mark only one oval.

- A physicist
- An ecologist
- An Ageologist
- 57. 49. Which form of nitrogen is taken by plant?

- Nitrite (NO2)
- Nitogen (N2)
- Nitrate (NO3)
- All of them

#### 58. 50. The important component of environment is

Mark only one oval.

Biosphere

- Lithosphere
- Atmosphere
- All of these
- 59. 51. Which one is secondary pollutant?

Mark only one oval.

- Smog
  PAN
  Ozone
  All of these
- 60. 52. Which one is an example of abiotic component of ecosystem?

Mark only one oval.

Cow Human Inorganic components Tree 61. 53. The non-renewable energy resource is

Mark only one oval.

Sunlight

Wind

Fossil fuels

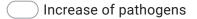
Wild-life

62. 54. Which one is the example of "climate factor" in bellow?

Mark only one oval.

- Pyramid of number
- Pyramid of biomass
- Pyramid of energy
- Pyramid of number and biomass
- 63. 55. Contaminated water causes disease due to

Mark only one oval.



Increase of BOD

Increase of COD

Increase of DO

64. 56. Grassland ecosystem is occupied by nearly...... of Earth surface

Mark only one oval.



65. 57. The gas which is NOT responsible for greenhouse effect is

Mark only one oval.

- Hydrogen sulfide
   Carbon monoxide
   Nitrous oxide
   Methane
- 66. 58. What is the name of instrument by which sound can measure in dB?

Mark only one oval.

Viscometer

Thermometer

Sound level meter

Sound pressure meter

## 67. 59. Identify the primary constituent of smog

Mark only one oval.

Water

- Carbon dioxide
- Sulphur dioxide
- Hydrogen sulphide
- 68. 60. The main pathogen present in contaminated water is

Mark only one oval.

$\subset$	Bacteria
$\subset$	Algae
(	Protozoa

- All of the these
- 69. 61. Hydrosphere consists of

Mark only one oval.

🔵 Air layer

Rocks

Water bodies and oceans

Soil

70. 62. The main source of water in India for agricultural purposes is

Mark only one oval.

- Ground water
- 🕖 Rain water
- Sea water
- 71. 63. In what medium sound can propagate fast?

Mark only one oval.

- Gas
- \_\_\_\_\_ Solid
- All of these
- 72. 64. Greenhouse effect is due to

- Over cultivation of land
- Testing nuclear weapons
- Some atmospheric gases like CO2, N2O and some man-made gases
- Soil pollution

73. 65. Nitrogen cycle is

Mark only one oval.

Gaseous cycle

- Hydrologic cycle
- Sedimentary cycle
- All of the these.

#### 74. 66. The audio range of human is

Mark only one oval.

- 200-20,000 Hz
- 20-20,000 Hz
- 500-5500 Hz
- 75. 67. Example of in-situ conservation is

Mark only one oval.

Deer park

Seed bank

Wild life sanctuary

📃 Aquarium

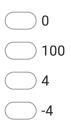
## 76. 68. The maximum quantity of fresh water occurs in

Mark only one oval.

Rivers
Ground water
Polar ice caps and glaciers
Sea water

77. 69. Density of water is maximum at \_\_\_\_ degree C.

Mark only one oval.



78. 70. Example of ex-situ conservation is

- Conservation of plants in botanical garden
- 📃 Sundarbans
- Wind
- Both (a) and (c)

79. 71. Bhopal gas tragedy occurred in

Mark only one oval.

December 1983

- \_\_\_\_\_ July 1984
- December 1984
- July 1983
- 80. 72. Maintaining and judiciously using the environment for human purposes is called

# Mark only one oval.

- Conservation of atmosphere
- Maintenance of environment
- Conservation of environment
- Maintenance of atmosphere
- 81. 73. The decomposition of dead-bodies of animal and plant by the bacteria such as bacillus subtilis is known as

- Ammonification
- Nitrification
- Carbonification
- Oxygenation

82. 74. Tree hugging movement is

Mark only one oval.

- Silent valley movement
- Narmoda dam movement
- 📃 Chipko Andolan
- Tehri dam movement
- 83. 75. The name of the disease that occurs due to mercury pollution is

Mark only one oval.

- Skin cancer Ouch-ouch disease
- Kidney damage

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