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

Course Name - - Environmental Science Course Code - EVS201

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- Diploma in Pharmacy
- Bachelor of Pharmacy
- B.TECH.(CSE)
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- BCA
- B.SC.(CS)
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- B.SC.(MSJ)
- Bachelor of Physiotherapy
- B.SC.(AM)
- Dip.CSE
- Dip.ECE

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\_ .. . \_ \_

- PGDHM
- MBA
- M.SC.(BT)
- M.TECH(CSE)
- M.A.(JMC)
- M.A.(ENG)
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- M.SC.(MB)
- 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? \*

- Smog
  PAN
  Ozone
- All of the above

10. 2. The name of the disease that occurs due to mercury pollution is \*

Mark only one oval.

📃 Minamata disease

- Skin cancer
- Ouch ouch disease
- Kidney damage
- 11. 3. Montreal Protocol is related to \*

Mark only one oval.

- Land pollution
- Noise Pollution
- Production and use of CFCs
- Increase of population
- 12. 4. Ozone acts as a protective shield when it resides in \*

Mark only one oval.

Mesosphere

- Stratosphere
- Thermosphere
- Troposphere

13. 5. The audio range of human is \*

Mark only one oval.

20-20,000 Hz

- 200-20,000 Hz
- 2000-5000 Hz
- 500-5500 Hz
- 14. 6. A biotic factor of eco-system is \*

Mark only one oval.

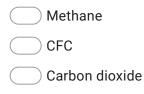
$\bigcirc$	Sunlight
$\bigcirc$	Soil

Wind

Tree

15. 7. Ozone hole in Antarctica is due to \*

Mark only one oval.



📃 Nitrogen

16. 8. Grassland ecosystem is occupied by nearly...... of Earth surface \*

Mark only one oval.

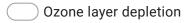


17. 9.The most potentially renewable energy resource is \*

Mark only one oval.

$\subset$	Sunlight
$\subset$	Wind
$\subset$	Tidal energy
(	Biomass

18. 10. Kyoto Protocol is related to \*



- 📄 Green house gases
- SPM
- Water pollution

19. 11. Itai itai disease occurs due to \*

Mark only one oval.

Arsenic pollution

- Lead pollution
- Mercury pollution
- Cadmium pollution
- 20. 12. Which one is primary pollutant? \*

Mark only one oval.

- Carbon monoxide
- Ozone
- 🔵 Smog
- 21. 13. Lithosphere means \*

Mark only one oval.

Air

🔵 Organisms

🔵 Water

Rocks and soils

## 22. 14. The loss of chlorophyll causing yellowing of leaf is \*

Mark only one oval.

Chlorosis

- Photosynthesis
- 🔵 Cholera
- 23. 15. pH of the acid rain varies between \*

Mark only one oval.



24. 16. A lake rich of nutrient is called \*

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

## 25. 17. The non-renewable energy resource is \*

Mark only one oval.

$\bigcirc$	Sunlight
$\bigcirc$	Wind
$\bigcirc$	Wildlife
$\bigcirc$	Fossil fuels

26. 18. World Environment Day is observed every year on \*

Mark only one oval.

$\subset$	June 5
$\subset$	July 5
$\subset$	August 5
(	September 5

27. 19.The noise threshold limit values for 16 hours is \*



- 90 dB
- ( 110 dB

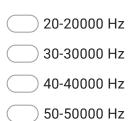
28. 20. The audio sense of human is most sharp in the range \*

Mark only one oval.

500-700 Hz

- 1000-1500 Hz
- 1500-2000 Hz
- 2000-5500 Hz
- 29. 21. A young 18 year old person has the audio range between \*

Mark only one oval.



30. 22.In what medium sound can propagate fast? \*

Mark only one oval.

Gas Gas

Liquid

📃 Water

31. 23. A person might be killed if the sound is \*

Mark only one oval.

120 dB
 140 dB
 130 dB

- 150 dB
- 32. 24. The physical component of eco-system is \*

Mark only one oval.

- Carbon
- \_\_\_\_ Light
- Oxygen
- 🔵 Nitrogen
- 33. 25. Forest mainly have \*

- Protective function
- Productive function
- Accessory function
- All of the above

34. 26. Which pyramid is always an upright one? \*

Mark only one oval.

Pyramid of energy

Pyramid of number

Pyramid of biomass

- Pyramid of number and biomass
- 35. 27. Which form of nitrogen is taken by plant? \*

Mark only one oval.

$\bigcirc$	Nitrate

📃 Nitrite

🔵 Nitrogen

- Both nitrate and nitrite
- 36. 28. The Montreal protocol is related to \*

Mark only one oval.

Land pollution

Atmospheric pollution

Water pollution

Noise pollution

#### 37. 29. The maximum quantity of fresh water occurs in \*

Mark only one oval.

Rivers
 Ground water
 Polar ice caps ar

- Polar ice caps and glaciers
- 📃 Sea water
- 38. 30. Which one of the following can be used for disinfection of water? \*

Mark only one oval.

_	_	
	) OL	
	) Un	lorine

- Ozone
- Hydrogen peroxide
- Both chlorine and ozone
- 39. 31. Eutrophication means \*

- Thermal change of water
- Filling up of water bodies with aquatic plants due to extra nutrient
- Filling up of water bodies with aquatic plants due to less nutrient
- 🔵 Solid waste

40. 32. BOD means \*

Mark only one oval.

Biological oxygen demand

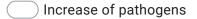
- Biochemical oxygen demand
- Biggest oxygen demand
- Bio oxygen dissolved
- 41. 33. Which of the following is not biodegradable? \*

Mark only one oval.

Polythene
Cotton
Vegetable waste
Wood

42. 34. Contaminated water causes disease due to \*

# Mark only one oval.



Increase of BOD

Increase of COD

Increase of DO

43. 35. Biotic factor is related to \*

Mark only one oval.

Living organisms

- Non living organisms
- Both living and nonliving organisms
- 📄 Fungus
- 44. 36.Energy flow in an ecosystem is \*

Mark only one oval.



- Cyclic
- May be unidirectional or cyclic depending on condition
- Can not be said
- 45. 37. The main component of photochemical smog \*

- Water vapour
- Sulphur dioxide
- Oxides of nitrogen
- Chlorine

46. 38. The most toxic chemical as carcinogen is \*

Mark only one oval.

- Carbon tetrachloride
- Vinyl chloride
- Tetrachloro ethylene
- Trichloro ethylene
- 47. 39. In BOD test the BOD bottles are stoppered to \*

## Mark only one oval.

- Prevent mixing of carbon dioxide
- Prevent mixing of ozone
- Prevent mixing of oxygen
- Prevent mixing of inert gases
- 48. 40. The best method of disposal of nonhazardous solid waste is \*

- Open dumping
- Sanitary land filling
- Incineration
- Composing

49. 41. Effect of noise pollution is mainly on \*

Mark only one oval.

- Physical health
- Mental health
- Heart rate
- All of the above
- 50. 42. Examples of second trophic level organism is \*

Mark only one oval.

- Plant
- Small fish
- \_\_\_\_\_ Tiger
- Lion
- 51. 43. Example(s) of conventional type of renewable resources may be \*

Mark only one oval.

Plant
Wildlife

- Aquaculture
- All of the above

## 52. 44. The unit of measuring hardness is \*

Mark only one oval.

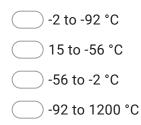


53. 45. The Sunderban mangrove forest in west Bengal is located in the district of \*

Mark only one oval.

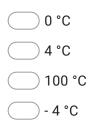


54. 46. The temperature range of troposphere is \*



55. 47. Density of water is maximum at \*

Mark only one oval.



56. 48. With increase in temperature the DO in water \*

Mark only one oval.

$\bigcirc$	Decreases
$\bigcirc$	Increases
$\bigcirc$	Remains same

- Can not be predicted
- 57. 49. Which of the following type(s) of Personal Protective Equipment (PPE) is frequently used? \*

Mark only one oval.



Gloves

- Lab Coats
- All of the options are true

58. 50. The species used as screening of chemicals. \*

Mark only one oval.

🔵 Zebra fish

- 📃 Folsomia candida
- Enchytraeus albidus
- 🔵 Cat Fish
- 59. 51. Eco-toxicology is the study of \*

# Mark only one oval.

- Physical interactions of organism and environment
- Thermal interactions of organism and environment
- Biological interactions of organism and environment
- Chemical interactions of organism and environment
- 60. 52. Identify the correct statement regarding the Electrostatic precipitator \*

- \_\_\_\_ Minimum particle size removal is <0.5μm
- They can be operated at high temperature
- 📃 It has a low maintenance cost
- It does not cause any freezing problem

61. 53. Which of the following air pollution control device has maximum efficiency? \*

Mark only one oval.

Spray tower

- Wet cyclonic scrubber
- Dynamic precipitator
- Electrostatic precipitator
- 62. 54. What does PAH stand for ? \*

Mark only one oval.

- Polyethylene Acetic Hydride
- Polycyclic Acetic Hydrocarbons
- Polynuclear Aromatic Hydrocarbons
- Polyethylene Acyclic Hydride
- 63. 55.What percentage of pollutants is gaseous in nature? \*



- 55%
- 90%
- 65%

#### 64. 56. Toxic gases such as H2S, nitrogen oxides causes \*

Mark only one oval.

Slow harm to body

- Not sure about speed of action
- Immediate harm to body
- No harm of the body

#### 65. 57. VOC stands for \*

Mark only one oval.

- Volatile organic components
- Varying organic components
- Varying organic component
- Virtual organic carriage
- 66. 58. Which of the following is pathological waste product? \*

## Mark only one oval.

🔵 Blood

- Chemicals used in hospital
- 🔵 Saline
- Blood and stains

#### 67. 59. What do you mean by Genotoxic Waste? \*

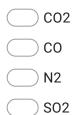
Mark only one oval.

Any drugs

- Cytotoxic drugs
- Chemotherapeutic drugs
- All medicines
- 68. 60. According to WHO medical wastes are divided into \*

Mark only one oval.

- 8 types 6 types
- \_\_\_\_ 5 types
- \_\_\_\_\_ 4 types
- 69. 61. Which of the following is more toxic for our body? \*



70. 62. What do you mean by carcinogenic compound? \*

Mark only one oval.

- The compound which can cause cancer
- The compound which can cause Tumor
- The compound which can cause fever
- The compound which can cause Mutation
- 71. 63. Sick building syndrome occurs in \*

Mark only one oval.

- Students
- Office workers
- Traveler
- Common people
- 72. 64. From which component pollution occurs in Histopathology Laboratory? \*

Mark only one oval.

Wax Fixatives

- Stains and dyes
- Specimen and Formaline

73. 65. From which component pollution occurs in microbiology laboratory? \*

Mark only one oval.

Plastic goods

- from water
- From microbes
- From chemicals
- 74. 66. Which radiation is most harmful? \*

Mark only one oval.

	🔾 X ray
	) Gamma ray
_	UV ray

(

- Infra ray
- 67. APTI is highest among these medicinal plants- Bauhinia variegata, Syzygium cumini, Emblica officinalis, Phyllanthus acidus, Aegle marmelos, Prosopis cineraria, and Vitex negundo and five fruit plant species such as Psidium guajava, Artocarpus heterophyllus, Manilkara zapota, Punica granatum, and Carica papaya \*

- Emblica officinalis
- 🔵 Syzygium cumini
- Artocarpus heterophyllus
- All statements are false

#### 76. 68. Food pollution is commonly caused by \*

Mark only one oval.

Food colour

- Food chemicals
- Pesticides with oil
- Junk foods
- 77. 69. Indoor air pollution affects most-\*

Mark only one oval.

- Mid aged people
- Old aged people
- Children
- Children and Old aged people
- 78. 70. What do you mean by APTI? \*

- Air Pollution Time Index
- Air Pollution Type Index
- Air Pollution Technical Index
- Air Pollution Tolerance Index

#### 79. 71. Which method is essential to reduce air pollution? \*

Mark only one oval.

Soil removal

- 🔵 Dust removal
- Plantation
- Formation of water plant
- 80. 72. The common cause of air pollution is \*

## Mark only one oval.

- Noise
- Water pollution
- CO2 exhaustion from body
- 81. 73. What is nosocomial infection? \*

- Market acquired infection.
- School acquired infection.
- Office acquired infection.
- Hospital acquired infection.

82. 74. Nosocomial infection is caused by \*

Mark only one oval.

Pseudomonas sp.

- Staphylococcus sp.
- Streptococcus sp.
- Both 1 and 2.
- 83. 75. Which of the following chemical is used and kept in labs for surface disinfectant? \*

Mark only one oval.

- 🔵 Sodium chloride
- Sodium oxychloride
- Sodium hypochlorite
- Alcohol

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