

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

Course Name - –Environmental Science

Course Code - EVS201

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Answer all the questions. Each question carry one mark.

9. 1. Which one is secondary pollutant? *

Mark only one oval.

- 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.

- Sunlight
- Soil
- Wind
- Tree

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

Mark only one oval.

- Methane
- CFC
- Carbon dioxide
- Nitrogen

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

Mark only one oval.

21%

50%

70%

80%

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

Mark only one oval.

Sunlight

Wind

Tidal energy

Biomass

18. 10. Kyoto Protocol is related to *

Mark only one oval.

Ozone layer depletion

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
- PAN
- 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
- Chlorolysis
- Photosynthesis
- Cholera

23. 15. pH of the acid rain varies between *

Mark only one oval.

- 3-6
- 9-11
- 11-14
- 6-9

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

Mark only one oval.

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

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

Mark only one oval.

- Sunlight
- Wind
- Wildlife
- Fossil fuels

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

Mark only one oval.

- June 5
- July 5
- August 5
- September 5

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

Mark only one oval.

- 80 dB
- 100 dB
- 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.

- 20-20000 Hz
- 30-30000 Hz
- 40-40000 Hz
- 50-50000 Hz

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

Mark only one oval.

- Gas
- Solid
- 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 *

Mark only one oval.

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.

- 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 and glaciers
- Sea water

38. 30. Which one of the following can be used for disinfection of water? *

Mark only one oval.

- Chlorine
- Ozone
- Hydrogen peroxide
- Both chlorine and ozone

39. 31. Eutrophication means *

Mark only one oval.

- 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 pathogens
- 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.

- Unidirectional
- Cyclic
- May be unidirectional or cyclic depending on condition
- Can not be said

45. 37. The main component of photochemical smog *

Mark only one oval.

- 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 *

Mark only one oval.

- Open dumping
- Sanitary land filling
- Incineration
- Composting

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.

- ppm
- gm/litre
- mole/litre
- mole/kg

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

Mark only one oval.

- Miidnapur
- Birbhum
- Nadia
- 24 parganas

54. 46. The temperature range of troposphere is *

Mark only one oval.

- 2 to -92 °C
- 15 to -56 °C
- 56 to -2 °C
- 92 to 1200 °C

55. 47. Density of water is maximum at *

Mark only one oval.

- 0 °C
- 4 °C
- 100 °C
- 4 °C

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

Mark only one oval.

- Decreases
- Increases
- 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.

- Safety glasses
- 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 *

Mark only one oval.

- Minimum particle size removal is $<0.5\mu\text{m}$
- 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? *

Mark only one oval.

- 70%
- 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? *

Mark only one oval.

- CO₂
- CO
- N₂
- SO₂

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

75. 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 - *

Mark only one oval.

- 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? *

Mark only one oval.

- 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.

- Automobile pollution
- Noise
- Water pollution
- CO2 exhaustion from body

81. 73. What is nosocomial infection? *

Mark only one oval.

- 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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