

GKINDIA

1. The human activity, among the following, which causes maximum environmental pollution having regional and global impact, is

- A. Industrialization
- B. Urbanization
- C. Agriculture
- D. Mining

Answer: A

2. The science that deals with the relationship of various organisms with their environment is known as

- A. anthropology
- B. economics
- C. ecology
- D. geology

Answer: C

3. Objective of environmental studies is to

- A. Create environmental ethics that foster awareness about the ecological inter-dependence of economic, social and political factors in a human community and the environment
- B. Acquiring skills to help the concerned individuals in identifying and solving environmental problems
- C. Raise consciousness about environmental conditions
- D. All of the above

Answer: D

4. An ecosystem consists of

- A. Population
- B. A biotic community
- C. A population and its non-living elements
- D. A biotic community and its non-living elements

Answer: D

5. The perfect equilibrium existing in the biosphere between the various organisms is known as

- A. Ecological cycle
- B. Ecological balance
- C. Environmental balance
- D. None of these

Answer: B

6. A simple detritus food chain starts with

- A. green plant
- B. wastes of organisms and dead organisms
- C. both of the above
- D. none of these

Answer: A

7. In a food chain humans are

- A. Producers
- B. Primary consumers
- C. Secondary consumers
- D. Primary and secondary consumers

Answer: D

8. Facultative Bacteria exist in which type of Environmental condition?

- A. Presence of oxygen
- B. Absence of oxygen
- C. Both (a) and (b)
- D. None of these

Answer: C

9. Word "Environment" is derived from :

- A. Italy
- B. French
- C. German
- D. English

Answer: B

10. Organisms who directly feed on producers are called :

- A. Herbivores
- B. Omnivores
- C. Carnivores
- D. Decomposers

Answer: A

11. Largest reservoir of Nitrogen is exists in :

- A. Atmosphere
- B. Stratosphere.
- C. Hydrosphere
- D. Lithosphere

Answer: A

12. 'World Environmental Day' is celebrated every year on:

- A. 5th May
- B. 5th June
- C. 5th July
- D. 18th July

Answer: B

13. 'Earth's Day' is celebrated every year on:

- A. Oct 26th
- B. April 22nd
- C. June 5th
- D. Dec 23rd

Answer: B

14. Eutrophication means :

- A. Water purification
- B. Neutralization of waste water
- C. Waste water Treatment process
- D. Enrichment of plant nutrients in water bodies

Answer: D

15. An ecosystem is a region in which

- A. Dead organism interact with their environment
- B. Living organism interact with their environment
- C. Living organism do not interact with their environment
- D. All of the above

Answer: B

16. The term ecosystem was first proposed by

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- A. Costanza
- C. A.G. Tansley
- B. Tyler Miller
- D. Jacob Van Verkul

Answer: C

17. The two major components of ecosystem are

- A. Abiotic and biotic
- C. Adiabatic and isotropic
- B. Cyclic and biologic
- D. Ecologic and climatologic

Answer: A

18. Biotic components include

- A. All living organisms
- C. Water, mineral and gases
- B. Light, temperature etc
- D. Self-nourishing green plants

Answer: A

19. The sequence of eating and being eaten in an ecosystem is called

- A. food chain
- C. sulphur cycle
- B. carbon cycle
- D. hydrological cycle

Answer: A

20. An animal that feeds upon another animal is

- A. producer
- C. decomposer
- B. consumer
- D. predator

Answer: B

21. Which part of plant contains nitrogen fixing bacteria?

- A. Roots
- C. Leaves
- B. Stems
- D. All the above

Answer: A

22. Green revolution is

- A. Crop variety improvement
- B. Judicious use of fertilizers
- C. Expansion of irrigation
- D. All the above

Answer: D

23. Organic farming is

- A. enhancing biodiversity
- B. promoting soil biological activity
- C. farming without using pesticides and chemical fertilizers
- D. all the above

Answer: D

24. Percentage of nitrogen in earth's atmosphere is

- A. 12%
- B. 21%
- C. 78%
- D. 98%

Answer: C

25. The major objective of the family welfare programs in India is

- A. Disease control
- B. Employment generation
- C. Population growth rate control
- D. None of these

Answer: C

26. Which of the following components of the environment are effective transporters of matter?

- A. Atmosphere and lithosphere
- B. Atmosphere and hydrosphere
- C. Lithosphere and thermosphere
- D. Hydrosphere and lithosphere

Answer: D

27. A food web consists of

- A. A portion of food chain
- B. A set of similar consumers
- C. Interlocking of food chains
- D. Producers, consumers and decomposers



Answer: C

28. Tendency of pollutants to become concentrated in successive tropic levels is known as

- A. Biopiracy
- B. Biorhythm
- C. Bioremediation
- D. Biomagnification

Answer: D

29. The Government of India adopted the National Housing and habitat policy in

- A. 1995
- B. 1996
- C. 1997
- D. 1998

Answer: D

30. Social security is one of the most important programmes providing benefits to

- A. Un-employee
- B. Worker/employee
- C. Families of deceased
- D. All of the above

Answer: D

31. Which atmospheric layer is closest to the Earth's surface?

- A. Troposphere
- B. Thermosphere
- C. Stratosphere
- D. Mesosphere

Answer: A

32. Earth's body temperature is approximately equal to

- A. 16.4°C
- B. 26.4°C
- C. 36.4°C
- D. 46.4°C

Answer: A

33. Which of the following is a biotic component of an ecosystem?

- A. Fungi
- B. Wind
- C. Sunlight
- D. Temperature & Water

Answer: A

34. Amount of carbon dioxide present in atmospheric air is

- A. 0.318%
- B. 0.383%
- C. 21%
- D. 78%

Answer: A

35. The ideal of sustainable development was defined for the first time by the world commission on environment and development in the year

- A. 1985
- B. 1986
- C. 1987
- D. 1988

Answer: C

36. The type of mass movement characterized by a slow and gradual down slope movement is known as

- A. Creep
- B. Rockfall
- C. Landslide
- D. Mud flow

Answer: D

37. The natural disastrous events like volcanoes, earthquakes, cyclones, bring about environmental changes which are

- A. Reversible
- B. Irreversible
- C. Both (a) and (b)
- D. None of these

Answer: C

38. Which of the following is not caused by the use of fertilizers in agriculture?



- A. Eutrophication
- C. Acidification and Salinity of soils
- B. Methemoglobinemia
- D. None of these

Answer: B

39. Anthropoginal activities means :

- A. Human activities
- C. Bacteriological activities
- B. Natural activities
- D. Wild animals activities

Answer: A

40. Which of the following is major Environmental issues in Mining activities?

- A. Water pollution
- C. Air pollution and Dust
- B. Soil Degradation
- D. All the above

Answer: D

41. ELA is related to :

- A. Environmental Impact Assessment
- C. Environmental Internal Activities
- B. Environmental and Industrial Activities
- D. Environmental Impact Activities

Answer: A

42. Sustainable development

- A. Encourages environmentally economic growth
- C. Encourages environmentally harmful and unsustainable forms of economic growth
- B. Discourages environmentally economic growth
- D. All the above

Answer: D

43. Smog is combination of

- A. Smoke and snow
- C. Smoke and fog
- B. Snow and fog
- D. All the above



Answer: C

44. Decreased soil fertility through rapid leaching of the essential mineral nutrients is due to

- A. Reforestation
- B. Deforestation
- C. Over exploitation
- D. Recycling of forest products

Answer: B

45. Bhopal gas tragedy occurred due to the leakage of

- A. Mustard gas
- B. Methane gas
- C. Sulphur dioxide
- D. Methyl Isocyanate

Answer: D

46. Mining means

- A. Process of extracting ores to obtain the metal of interest
- B. To check pollution
- C. To conserve minerals
- D. To reserve minerals

Answer: A

47. Major problem/s due to industrialization is/are

- A. Urbanization
- B. Migration of people
- C. Development of slums
- D. All of the above

Answer: D

48. Sustainability requires

- A. Conservations of resources
- B. Minimizing depletion of non-renewable sources
- C. Using sustainable practices for managing renewable resources
- D. All the above

Answer: D

49. The adverse effect of modern agriculture is

- A. Soil pollution
- B. Water pollution
- C. Wastes logging
- D. All of these

Answer: D

50. Which of the following is major environmental issues in mining activities?

- A. Water pollution
- B. Soil Degradation
- C. Air pollution and dust
- D. All of these

Answer: D

51. Estuary means

- A. Rich in nutrients
- B. Treatment of water
- C. End point of the river
- D. Meeting place of river and sea

Answer: D

52. Physical pollution of water is due to

- A. PH
- B. Chlorides
- C. Turbidity
- D. All of these

Answer: C

53. Loss of water content through the plants into the atmosphere is called :

- A. Evaporation
- B. Vaporization
- C. Hydraulic cycle
- D. Transpiration

Answer: D

54. As per BIS, the permissible limit of PH value for Drinking water :

- A. 6.5 to 7.5
- B. 7.0
- C. 6.5 to 8.5
- D. 6.0 to 8.5

Answer: C

55. What is the Max. allowable concentration of Iron content in drinking water ?

- A. 0.5 mg/l
- B. 1.0 mg/l
- C. 1.5 mg/l
- D. 2.0 mg/l

Answer: C

56. Nitrogen fixation from the atmosphere is high in which type of plants?

- A. Leguminus
- B. Manocoteliden
- C. Both (a) and (b)
- D. None of the above

Answer: A

57. Cholera and Typhoid are caused by

- A. Virus
- B. Fungus
- C. Housefly
- D. Bacteria

Answer: D

58. Major source of Fluoride available in :

- A. River water
- B. Food products
- C. Both (a) and (b)
- D. Ground water

Answer: C

59. Which of the following is not a Natural mineral?

- A. Nitrogen
- B. Asbestos
- C. Limestone
- D. Fluorospars

Answer: A

60. Among fresh water availability on Earth, the percentage of Groundwater occurs is about

- A. 0.2%
- B. 0.5%
- C. 0.8%
- D. 1.0%

Answer: B

61. Good example of sedimentary cycle is

- A. Oxygen cycle
- B. Sulphur cycle
- C. Nitrogen cycle
- D. Carbon cycle

Answer: B

62. Water used for irrigation of food crops, fodder crops and medical herbs is known as

- A. Auxiliary use
- B. Productive use
- C. Commercial use
- D. Consumptive use

Answer: B

63. Water quality involves measuring the number of colonies of

- A. Cells
- B. Protozoa
- C. Chromozomes
- D. Coliform bacteria

Answer: B

64. The earth's land surface covered by forest is about

- A. 30 %
- B. 40 %
- C. 50 %
- D. 60 %

Answer: A

65. A major carbon storage reservoir in the carbon cycle is

- A. Trees
- B. Rivers
- C. Oceans
- D. Atmosphere

Answer: A

66. The volume of nitrogen present in the troposphere is

- A. 5%
- B. 21%
- C. 78%
- D. 85%

Answer: C

67. Smelting of metallic minerals into copper, lead and zinc release large amounts of

- A. Nitric oxide
- B. Carbon dioxide
- C. Sulphur dioxide
- D. Hydrogen Sulphide

Answer: B

68. What is the percentage of fresh water available in lakes and streams?

- A. 0.1%
- B. 0.01%
- C. 0.001%
- D. 0.0001%

Answer: B

69. Which is considered as energy source of future?

- A. Wind
- B. Ocean
- C. Hydrogen
- D. None of these

Answer: C

70. The fossil fuel which causes maximum environmental pollution due to its use in generation of thermal power is

- A. Oil
- B. Coal
- C. Natural gas
- D. None of these

Answer: B

71. Tidal power plants are not preferred by environmentalists because,

- A. Tidal power is a renewable source
- B. Tidal power can be developed only in coasts
- C. Tidal power stations bring about major ecological changes in sensitive coastal ecosystem
- D. None of the above

Answer: B

72. Energy obtained from the Earth's hot interior is called the
- A. Geo-Thermal energy
 - B. Thermal energy
 - C. Biomass energy
 - D. None of these

Answer: A

73. Sulabh biogas plants are based on the use of
- A. Cattle dung
 - B. Human excreta
 - C. Agriculture waste
 - D. None of these

Answer: A

74. Bhopal Gas Tragedy happened in the year
- A. Dec. 1983
 - B. Dec. 1984
 - C. Dec. 1987
 - D. Dec. 1994

Answer: B

75. Renewable energy is
- A. Primary source
 - B. Secondary source
 - C. Tertiary source
 - D. None of the above

Answer: A

76. Electromagnetic radiation energy is an energy in the form of
- A. Heat
 - B. Wave
 - C. Light
 - D. All the above

Answer: D

77. Fermentation in the biogas plant is carried out between

- A. 30-50°C
- B. 35-50°C
- C. 85-15°C
- D. None of the above

Answer: A

78. Percentage methane content of biogas is

- A. 10-20 %
- B. 20-35 %
- C. 40-45 %
- D. 50-75 %

Answer: D

79. Hydrogen is found on earth in combination with

- A. Copper
- B. Oxygen
- C. Helium
- D. Sulphur

Answer: B

80. About 30% of the country's coal deposits are found in

- A. Kashmir
- B. Karnataka
- C. Tamil Nadu
- D. Bihar and Orissa

Answer: D

81. Good example of renew able energy resource is

- A. Oil
- B. Coal
- C. Hydropower
- D. All the above

Answer: C

82. The basic element in fossil fuels is

- A. Oxygen
- B. Carbon
- C. Sulphur
- D. Phosphorus

Answer: B

83. Hydro electricity is generated from

- A. Forests
- B. Coal plants
- C. Lakes and ponds
- D. Water reservoir of river dams

Answer: D

84. Cow dung can be used

- A. as manure
- B. for production of biogas
- C. both (a) and (b)
- D. none of these

Answer: C

85. Recycled water can be used for

- A. Crop irrigation
- B. Landscape gardening
- C. Replenishing fast depleting aquifers
- D. All of these

Answer: D

86. Solar radiations consist of

- A. Visible region
- B. Infra-red region
- C. Both (a) and (b)
- D. None of these

Answer: C

87. Liquefied petroleum gas is a mixture of

- A. Propane and butane
- B. Methane and propane
- C. Methane and butane
- D. Methane and ethane

Answer: A

88. ___ is the best environmental clean alternative fuel.

- A. CNG
- B. Coal
- C. Petrol
- D. Diesel

Answer: A

89. Direct conversion of solar energy is attained by

- A. Galvanic cells
- B. Electrolytic cells
- C. Hydrogen fuel cells
- D. Solar photovoltaic system

Answer: D

90. Use of Compressed Natural Gas (CNG) came into effect from

- A. Dec 2000
- B. Dec 2001
- C. Dec 2002
- D. Dec 2003

Answer: C

91. Identify the non-renewable sources of energy from the following

- A. Coal
- B. Fuel cells
- C. Wind power
- D. Wave power

Answer: A

92. Hydrogen can be produced commercially by

- A. Cracking of ammonia
- B. Electrolysis of water
- C. Both (a) and (b)
- D. Gasification

Answer: C

93. Generation of wind energy is mainly based on which factor

- A. Storms
- B. Pressure
- C. Velocity of wind
- D. Direction of wind

Answer: C

94. The air pollutant which causes severe damage to plants, even at much lower concentrations than what may be harmful to human health is

- A. Peroxyacyl nitrates (PAN)
- B. Ozone
- C. Fluorine
- D. None of these

Answer: A

95. The term 'Refuse' generally does not include is

- A. Ashes
- B. Excreta
- C. Putrescible solid waste
- D. Non putrescible solid waste

Answer: A

96. The maximum average permissible noise levels during day time hours as per environment protection act in India is

- A. 30 dB
- B. 45 dB
- C. 50 dB
- D. 55 dB

Answer: B

97. Noise pollution means

- A. Loud sound
- B. Unwanted sound
- C. High frequency sound
- D. Environmental pollution

Answer: B

98. Liquid waste generated from Bathrooms and Kitchens are called

- A. Runoff
- B. Sullage



C. Domestic sewage

D. All the above

Answer: C

99. Non-point source of water pollution is caused by

A. Pipes

B. Ditches

C. Sewers

D. Mining wastes

Answer: D

100. Trickle irrigation reduces

A. Percolation

B. Salinization

C. Water evaporation

D. All of these

Answer: D