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4. Environmental PollutionSaathi

- 1) An undesirable change in chemical, ~~and~~ and biological characteristics of air, water, soil which causes health problem to all the living being is called as environmental pollution
- a) Physical c) Botanical
b) Mental d) All
- 2) The pollutant that can be broken down rapidly by the natural process is called as
- a) Organic Pollutant c) Inorganic Pollutant
b) Non-degradable pollutant d) Degradable Pollutant
- 3) Mercury, Tin, lead are example of
- a) natural Pollutant c) Artificial Pollutant
b) Persistence Pollutant d) Non-degradable Pollutant
- 4) Pesticides, Fertilizer are example of
- a) Degradable Pollutant b) Non-persistent pollutant
b) Persistent pollutant d) Non-degradable pollutant
- 5) Salinization means:
- a) Increase of salt in soil c) Increase of Na^+ , K^+ , Ca^{2+}
b) All of above d) None
- 6) The suspended particulate matter is released into air by
- a) Stone crushing c) Thermal Power Plant
b) Automobile exhaust d) All the above

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- 7) The metal such as lead, nickel, tin are present in the form of solid particle produced by -
a) Metallurgical process c) Salivation process
b) Metabolism process d) Degradation process
- 8) Biological particles consist of
a) Animal cell, fungal spore c) Zinc, titanium & mercury
b) Organic & inorganic material d) None
- 9) Which of these is radioactive waste?
a) Gold c) Silver
b) Mercury d) Uranium
- 10) Smog causes:
a) Water pollution c) Air Pollution
b) Soil pollution d) None
- 11) What is common type of pollutant?
a) Agro-pollutant c) Domestic waste
b) Gases d) None
- 12) Nuclear ash from atomic reactor consist of
a) Domestic waste c) Metal waste
b) Radioactive waste d) Agricultural waste
- 13) Soot, smoke, tar, dust, grit released from -
a) Automobile c) Agriculture
b) Industries d) Automobile Reactor

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- 14) Which of these cause the sea level change over flooding due to melting of snow?
a) Global Warming c) Ozone layer damaging
b) Both a & b d) None of them
- 15) Necrosis means:
a) Damaging Ozone layer c) Damaging leave
b) Premature fall of leaf d) Disturbing photosynthesis
- 16) The rise in ozone causes.
a) Necrosis c) Destroying chlorophyll
b) Abscission d) Disturbing photosynthesis
- 17) The rise in NO_x causes.
a) Crop production c) Increase in soil
b) premature fall of leaves d) Disturbing photosynthesis
- 18) Radioactive dust causes:
a) Physical disorder c) metal disorder
b) Genetic effect d) all
- 19) The rise in SO₂ cause:
a) Greening of leaves c) increase in photosynthesis
b) Increase in plant growth d) yellowing in leaves
- 20) The nature has its own mechanism to remove the pollutant which is called as _____.
a) photosynthesis c) Scavenging
b) Dispersion d) Chemosis

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21)	Radioactive dust causes genetic effect on next generation.		30)	Primary pollutant means those pollutant released by chemical	c) release by chemical b) release by photolysis d) release in air
a) True	b) False				
22)	Global warming causes river flooding.	a) False b) True	31)	Moisture + SO ₂ → Atmospheric H ₂ SO ₄ which cause rain.	a) rain b) Water rain c) Harmful Rain d) Acid rain
23)	Smoking causes Cardio vascular disease to.	a) Cadmium Particle b) Titanium Particle	32)	Presence or addition of any contaminant to the air which causes harm to the health of living organism is called as	a) Water Pollution b) air pollutant
	effected Particle	d) Mercury Particle		a) acid rain b) air pollution	
24)	The _____ from Combustion of fossil fuel affect the nerves, brain and kidney.	a) Lead b) Tin oxide	33)	Ozone layer in atmosphere gets mainly affected due to	c) Chloro Fluorocarbon d) Hydrogen Sulphide
	c) Uranium d) Mercury			e) Hydrochloric acid f) Hydrogen nitrate	
25)	Convulsion, delirium, cancer cause due to	a) Lead poisoning b) Take of poison	34)	The quality of paper and leather gets affected by	a) SO ₂ and H ₂ O b) SO ₂ and water
	c) Food Poison d) None			c) SO ₂ and acid rain d) SO ₂ and O ₂	
26)	Percentage of pollutant from fuel combustion is.	a) 30%	35)	The paints get decolorised by	a) SO ₂ and HCl b) SO ₂ and O ₃
	b) 50%	c) 90%		c) SO ₂ + H ₂ S d) SO ₂ and NO	
27)	Smog is formed due to	a) Sunlight + dust b) Sunlight + CO	36)	The building material gets affected by	a) SO ₂ and acid rain b) SO ₂ and H ₂ S
	c) Sunlight + NO ₂ d) Sunlight + water			c) SO ₂ and O ₃ d) SO ₂ and water	
28)	Acid rain is formed due to	a) Water + SO ₂ b) Water + lead	37)	The building material gets affected by	a) SO ₂ and acid rain b) SO ₂ and H ₂ S
	c) Water + Sunlight d) Water + salt			c) SO ₂ and O ₃ d) SO ₂ and water	

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38) Acidic gases like CO_2 and SO_2 , No affected species
OR

- a) Building
- b) Textile
- c) Bridges
- d) Iron bar

39) Balanced atmospheric percentage of carbon dioxide
in atmosphere is

- a) 33%
- b) 31%
- c) 39%
- d) 35%

40) To reduce air pollution due to industrial activities,
what step should be taken?

- a) Use electrostatic precipitator
- b) Use gravitational chamber
- c) Constⁿ of tall chimney
- d) all

41) In case of automobile pollution use of better quality
and use of — Concentrators will help to reduce auto car
pollution

- a) Fuel, catalytic
- b) Fuel, water
- c) Fuel, isotopes
- d) Fuel, air

42) Can help to reduce car pollution in mining area?
a) Casing of Chimney

b) Better fuel

c) Sparkling water

d) Development of tall building

43) In Bhopal gas tragedy which gas got released?
a) Methane gas

b) Methyl isocyanide

c) Butane Gas

d) Propane gas

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44) The clean air act of 1970 which mandated the setting of
Standards of primary pollutant and Secondary
pollutant.

- a) Three, five
- b) one, many
- c) Four, one
- d) All of above

45) Natural mechanism of self-clearing the atmospheric air are
a) Dispersion

b) settling

c) Absorption

d) All

46) Natural mechanism of self-clearing the atmospheric air
are

- a) Dispersion, settling, absorption
- b) None
- c) Spreading, hanging, excreting
- d) Photosynthesis, chlorosis, volcano

47) The self-clearing system of nature to remove pollutants is
called as Scavenging.

- a) True
- b) False

48) Man-made mechanism to control air pollution includes

- a) Dispersion
- b) Centrifugal separator
- c) Setting
- d) Absorption

49) Bhopal gas tragedy occurred at

- a) Thermal Power Plant
- b) Geothermal Plant
- c) Biogas plant
- d) Petrified plant

50) Which natural source of primary pollutant is not in human control?

- a) Volcano
- b) Pollen
- c) Breaking Sea
- d) All

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- 53) Which of the primary pollutant created by nature is not emperered by human?
a) Volcanoes
b) Fire
c) Bacteria & Virus
d) b + c.

- 54) Primary pollutant created by nature and not emperered by human are
a) Bacteria and fire
b) Volcano & dust
c) pollen and seas
d) Bacteria & virus

- 55) Human activities creating primary pollutant are
a) atomic process
b) Farming
c) all
d) Combustion process

- 56) Dissolved material in water must not be more than ppm.
a) 150
b) 152
c) 140
d) 151

- 57) The dissolved material in water not be less than 150 ppm is desirable.
a) True
b) False

- 58) The pH of water should be between 7 to 8.5
a) True
b) False

- 59) The pH of water should be between
a) 7-8
b) 8-10
c) 7-8.5
d) 0-7

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- 60) Direct source of water pollution includes
a) Discharge from factories
b) Oil wells
c) Discharge from power plant
d) All of these

- 61) Indirect Source of water pollution is
a) Factories
b) Power plant
c) Agriculture field
d) oil well

- 62) Indirect source of water pollution includes
a) Agriculture
b) Domestication
c) Feed lots
d) all

- 63) The high Biological demand (BOD) makes water useless for other domestic uses.
a) True
b) False

- 64) If value is high, make water useless for other uses.
a) Biological hydrogen demand
b) BOD
c) Biological Oxygen demand
d) all

- 65) helps growth of algae in water.
a) Hydrogen
b) Phosphate
c) Mercury
d) Calcium

- 66) Algae consume the dissolved _____ from water and make it polluted.
a) Hydrogen
b) Cadmium
c) Sulphate
d) Oxygen

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- 68) The consumption of oxygen from water by algae leads decomposition of plants and produce toxins as
a) Cadmium c) Strychnine
b) Chlorosis d) Chlorsulfonfuran

- 69) Lack of Oxygen in water decompose some plants and produce Strychnine.
a) True b) False

- 70) Foul smell is an indication of
a) Soil c) Earth
b) Water d) Air

- 71) Industrial discharge include
a) Soil c) plant
b) Sodium d) Fresh water

- 72) Industrial discharge include
a) Na c) Co
b) Hg d) all of these

- 73) Agricultural discharge includes
a) Pesticides c) Herbicides
b) weedicide d) All

- 74) Agricultural discharges alter — of water
a) pH c) oxygen
b) heat of b d) none

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- 75) plants are natural purifier of water,
a) Rose c) Jasmin
b) Aqua d) living

- 76) The phosphates and nitrates in fertilizer, make the water rich with nutrients and it becomes over productive. This process is called
a) Photosynthesis c) Eutrophication
b) Estuaries d) Decomposition

- 77) Aqua plants are also natural purifier of water.
a) True b) False

- 78) The main toxic solid substance get released in water from
Industrial area
a) Mercury & Carbon c) Lead & mercury
b) phosphate & Nitrate d) Oxygen & hydrogen

- 79) The consumption of water polluted with lead by human leads to
a) Damage to hair & nail c) Damage to skin & hair
b) Damage to liver & kidney d) Damage to respiration

- 80) Lead affects the — which leads to coma or death
a) Central respiratory system c) Central nervous system
b) Central Circulatory System d) all

- 81) Lead pollution reduces — formation
a) Hemoglobin c) Flowers
b) Hair d) Digestive juice

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- 83) Central Nervous System gets affected by
a) Oxygen c) Phosphate
b) Lead d) Iodine

- 84) The main source of lead to water is fluorescent light tubes
a) False b) True

- 85) The mercury compound enters in water bodies and get converted into
a) Methyl mercury compound c) Methyl mercury
b) Carbonate mercury d) only a & c

- 86) The mercury in water bodies get converted into methyl mercury compound due to
a) Pathogenic bacteria c) Viral microbes
b) Water microbes d) Anaerobic microbes

- 87) Oil can pollute water
a) True b) False

- 88) Radioactive elements cause serious effect to human being
a) Soil c) Air
b) Radioactive element d) Hydrogen

- 89) Dental & Mental problem caused due to excess amount of
a) Uranium c) Lead
b) Chlorine d) Fluoride

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- 90) Excess amount Fluoride causes
a) Mental Problem c) Typhoid
b) Dental Problem d) a & c

- 91) The process of killing organic life from water is called as
a) Sedimentation b) Disinfection
c) Filtration d) None

- 92) In the process of disinfection of water _____ is used
a) Soda powder c) Chlorine
b) Phosphate d) Fluoride

- 93) Disinfection of water is done by using
a) Soda c) Salt
b) Plastics d) Bleaching powder

- 94) The process to remove suspended material from water is called
a) Sedimentation
b) Filtration c) Dehydration
d) Disinfection

- 95) The process of removing sludge and settled material from water is called as
a) Sedimentation
b) Filtration c) Filtration
d) Disinfection

- 96) The process in which water is allowed to pass through a bed of coarse and fine sand is called
a) Dehydration c) Sedimentation
b) Filtration d) Disinfection

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- 97) Filtration of water through Coarse and fine sand removes
 a) Colour, taste c) Odor
 b) Bacteria d) All

- 98) Pressure and gravity are the types of
 a) Disinfectants c) Filters
 b) Purifiers d) All

- 99) To remove hardness of water methods are used.
 a) Boiling water c) Adding lime
 b) Rains & tides d) none

- 100) Softening of water is done by
 a) Boiling & adding lime c) Cooling & heating
 b) Adding sulphuric & Fluoride d) none

- 101) Minamata disease caused by
 a) neurological syndrome c) Kidney disease
 b) Respiratory disease d) none

- 102) Minamata disease was first discovered in
 a) China c) Austria
 b) Japan d) All

- 103) Minamata caused by release of
 a) methyl phosphate c) methyl Nitrate
 b) Methyl Carbamate d) methyl Mercury

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- 105) Minamata disease cause due to release of methyl mercury from
 a) Chemical Factory c) Fertilizer Factory
 b) Textile Industry d) all

- 106) The mixture of mineral, organic matter, inorganic materials, air and water in the form of thin layer is called as
 a) Sedimentary Rock b) Soil
 b) Fertile Soil c) Gypsum

- 107) Overgrazing, deforestation, burning of grass (and causes)
 a) Soil erosion c) Soil fertilization
 b) Soil erosion d) none

- 108) Water holding capacity get reduced due to
 a) Soil Erosion c) Soil Fertilization
 b) both a & b d) Soil erosion

- 109) Is used as an organic fertilizer to increase crop yield.
 a) Human Excreta c) Animal Excreta
 b) Both a and b d) Soil erosion

- 110) If excreta contains , soil gets contaminated.
 a) Bacteria c) Insect
 b) Algae d) Pathogen

- 111) Radioactive waste can also affect soil
 a) True b) False

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- (12) The water mixed with human excretions, sewage and sludge kills _____ of soil and reduce its fertility.
a) Pathogens b) Micro-organism
c) Bacteria d) Viruses
- (13) If fluorides are absorbed by crop through soil and get consumed by human being it causes _____.
a) Chlorosis c) Neuralgia
b) Fluorosis d) Photosynthesis
- (14) measures to control quantitative loss of soil, what step should be taken?
a) By making vegetation c) Terrace of contour boundary
b) Controlling grazing d) All of above
- (15) Plugging the gullies can also recharge
a) Ground water c) Stop soil erosion
b) both a and b d) none
- (16) Soil waste materials include
a) Glass waste c) Plastic waste
b) Metal waste d) all
- (17) Soil can be saved from degradation by methods
a) Bio-degradable waste c) Removal of non-degradable
b) both a & b d) none
- (18) By treating toxic waste industries can control pollution
a) True b) False

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- (19) The impairment in faulty sanitation method do reduce soil pollution.
a) True b) False
- (20) The unpleasant, high intensity sound is called as
a) Music c) Song
b) Noise d) All of above
- (21) The sound from airport, mining areas are example of
a) Air pollution c) Soil pollution
b) Both a & b d) Noise pollution
- (22) Unit of measurement of Sound is _____
a) Decibel c) dB
b) Both a & b d) None
- (23) The intensity of sound must be between _____
a) 1 to 100 db c) 140 to 150 db
b) less than 1dB d) none
- (24) The noise intensity less than _____ cannot be heard
a) 0db c) 10db
b) 10db d) 0db
- (25) High _____ and high _____ makes noise pollution
a) Intensity, latitude c) Intensity, density
b) Intensity, frequency d) Density, volume
- (26) Normal talk create intensity of about _____
a) 10 dB c) 20 dB
b) 30 dB d) 40 dB

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- (127) While shooting sound intensity reaches
a) below 40 dB c) above 40 dB
b) below 30 dB d) above 50 dB

- (128) Big machines create sound
a) Below 60 dB c) above 90 dB
b) Below 100 dB d) above 100 dB

- (129) The natural source of noise are
a) Thunder b) Lightening
b) birth & death d) none

- (130) Rocket engine creates noise pollution
a) below 190 dB c) below 100 dB
b) above 190 dB d) culture 100 dB

- (131) Industrial activity, transport activity, cultural activity are main source of
a) Noise pollution c) generation of sand
b) birth & death d) none

- (132) Noise pollution causes
a) Physical effect c) Physiological effect
b) Psychological effect d) all

- (133) Areas like hospitals, schools must be kept as
a) Noise zone c) Clean zone
b) Silence zone d) none

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- (135) Laws regarding Noise pollution must be followed
a) True b) False

- (136) The heavy vehicle should be allowed on narrow street
a) True b) False

- (137) The noise pollution can have physical, physiological effect
a) True b) False

- (138) Land slides & earthquake are natural source of noise pollution
a) True b) False

- (139) Rise in blood pressure cause due to noise pollution
a) True b) False

- (140) Temporary hearing problem cause due to
a) Light noise c) Noise above 140 dB
b) Noise pollution d) None

- (141) Unpleasant sound is called
a) Soil pollution c) Air pollution
b) Noise pollution d) None

- (142) Which can be recycled?
a) Paper b) Plastic
b) Metal d) All

- (143) Recycle of plastic also minimize air pollution
a) True b) False

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- 144) Recycling is best process to control pollution
 a) True b) False
- 145) Use of natural fertilizers doesn't create Soil Pollution.
 a) True b) False
- 146) D.D.T., Aldrin, Benzene are used as
 a) Insecticide b) Fertilizer
 c) Herbicide d) Pesticides
- 147) _____ gets permeated in soil.
 a) Metal Insecticide b) Fertilizer
 c) Herbicide d) Pesticides
- 148) Use to domestic garbage, and decomposed matter may cause
 a) Mental disease b) Kidney disease
 c) Stomach disease d) Chronic disease
- 149) Metabolic activities may cause
 a) unconsciousness b) Dizziness
 c) muscle pain d) None
- 150) Bad odour of decomposed material may cause
 a) chronic disease b) mental disease
 c) kidney disease d) stomach disease
- 151) O₃ is known as
 a) Atmosphere b) Ozone
 c) air

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- 152) Sulphur Compounds consist of
 a) SO₂ b) K₂SO₄ c) H₂S d) all
- 153) Photochemical product includes
 a) PAN b) PB₂N c) smog d) none
- 154) Suspended particulate matter includes
 a) Soot b) Dust c) Ash d) all
- 155) Nitrogen oxide source of air pollution includes
 a) NO b) NO_x c) HNO₃ d) all
- 156) Metal released in air includes
 a) Lead b) Nickel c) Titanium d) all
- 157) Air pollution causes reduction in crop production
 a) True b) False
- 158) Abscessum caused by NO_x
 a) True b) False
- 159) Bacteria, fungi, spores and pollen are
 a) suspended matter b) biological pollutants
 b) photochemical matter d) hydrocarbons
- 160) Source of air pollution are
 a) Carbon compound b) Hydrocarbons c) both abd d) none
- 161) Petrol and diesel cause pollution
 a) true b) false

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- (163) Air pollutant are classified as
 a) Primary pollutants b) Secondary Pollutants c) both a & b d) none
- (164) Transportation creates _____ of air pollution
 a) 75% b) 46% c) 26% d) 42%
- (165) Fuel combustion creates _____ of air pollution
 a) 27% b) 28% c) 20% d) 23%
- (166) Industrial process creates _____ of air pollution
 a) 16-18% b) 14-15% c) 20-24% d) 10-11%
- (167) SO₂ causes approximately 16% of air pollution
 a) True b) False
- (168) Smog is created by reaction of sunlight with
 a) Sun b) Nuclear c) Coal d) Lead
- (169) Ozone gets formed by reaction of NOx with
 a) Sunlight b) Carbon c) volatile compound of nitrates
- (170) Pollut and soot are natural pollutant
 a) True b) False
- (171) Electronic waste includes
 a) Computer b) Satellite c) ATM
- (172) Waste from IT sector also cause pollution
 a) True b) False

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- (173) Which of them are pollutants
 a) True b) False
- (174) Herbicide, Fungicide, Biopesticides, weedicides are used in
 a) Factory b) Agriculture c) Industries d) Power Plant
- (175) Agro Pesticide includes
 a) Herbicides b) Biopesticides c) Fungicides d) all of these
- (176) Environmental pollution includes
 a) Air pollution b) Nuclear pollution c) Water pollution
 d) all
- (177) Nuclear pollution caused due to
 a) Uranium b) Nuclear plant c) Atomic reactor d) All