

BACHELOR OF MANAGEMENT STUDIES

S.Y.BMS

SEMESTER III

FOUNDATION COURSE III (ENVIRONMENTAL MANAGEMENT

SAMPLE QUESTIONS

1. Which of the following gases occupies the greatest percentage of the current atmosphere on earth?
 - a. Nitrogen gas
 - b. Oxygen gas
 - c. Carbon dioxide gas
 - d. Ozone

2. Predict on why an animal may change their skin or fur colour with the season?
 - a. In order to attract predators
 - b. To blend in with the surrounding and avoid predators
 - c. So predators can easily find them
 - d. To protect themselves

3. Abiotic environment does not include _____
 - a. Air
 - b. Water
 - c. Soil
 - d. Plants

4. The group of organism which convert light into food are called _____
 - a. Autotrophs
 - b. Heterotrophs
 - c. Decomposers
 - d. Omnivores

5. In India the Van Mahotsav Day is observed on _____
 - a. Second of October
 - b. First of December
 - c. Tenth of august
 - d. First of July

6. Plants are green because of the presence of the pigment called _____
 - a. Glucose
 - b. Nitrogen

- c. Chlorophyll
 - d. Oxygen
7. Acid rain is caused by _____
- a. Co and Co₂
 - b. SO₂ and O₂
 - c. SO₂ and NO₂
 - d. NO₂ and O₂
8. Group of individual of the same species that share common attributes are called?
- a. Community
 - b. Population
 - c. Ecotype
 - d. Society
9. Bacterial decomposition of biological material under aerobic condition is _____
- a. Fermentation
 - b. Fertilization
 - c. Contamination
 - d. Composting
10. In aquatic ecosystem Phyto planktons can be considered as a _____
- a. Consumers
 - b. Producers
 - c. Saprotropic organisms
 - d. Macro consumers
11. A food web consists of _____
- a. A portion of food chain
 - b. An organism position in a food chain
 - c. Interlocking food chain
 - d. A set of similar consumers
12. Eutrophication is _____
- a. An improved quality of water in lakes
 - b. A process in carbon cycle
 - c. The result of accumulation of plants nutrients in waterbodies
 - d. A water purification technique
13. Natural resources that are used up more quickly than they can be replaced by natural process are called as _____
- a. Flow resource
 - b. Fund resources
 - c. Renewable resource

- d. In exhaustible resources
14. Biogas generation is mainly based on the principle of ____
- Fermentation
 - Degradation
 - Purification
 - Composting
15. Which of the following pairs to the category of primary consumers?
- Eagle and snake
 - Grasshopper and cattle
 - Snake and frog
 - Water beetles and fish
16. Which of the following chemical causes depletion of the ozone layer?
- Carbon tetrachloride
 - Methane
 - Chloro fluoro carbon
 - Carbon monoxide
17. The depletion of the ozone layer
- Global warming
 - Earthquakes
 - Increased UV radiation
 - Acid rain
18. In the given food chain if the amount of energy at the fourth trophic level is 4KJ, what will be the energy available at the producer level?
Grass > Grasshopper > Frog > Snake
- 4KJ
 - 40KJ
 - 400KJ
 - 4000KJ
19. Which of the two in the following sets belong to the same trophic level?
- Grass; Grasshopper
 - Goat; Spider
 - Hawk ; Rat
 - Frog ; Lizard
20. Excessive exposure to ultraviolet radiation causes
- inflammation of liver
 - cancer of skin

- (c) damage to the lungs
 - (d) jaundice
21. Every food chain in the ecosystem begins with _____ which are the original source of food
- a. Saprophytes
 - b. Parasites
 - c. Producers
 - d. Herbivores
22. Which among the following statements is incorrect in view of the plants?
- (a) They convert the solar energy into mechanical energy
 - (b) They prepare their food from organic compounds
 - (c) They are also called producers
 - (d) They are the initial source of energy in a food chain
23. Acid rain is formed due to contribution from the following pair of gases.
- a. Methane and ozone
 - b. Oxygen and nitrous oxide
 - c. Methane and sulphur dioxide
 - d. Carbon dioxide and sulphur dioxide
24. The increase in contamination of CO₂ in over environment in last fifty years since 1960 is about
- a) 20%
 - b) 10%
 - c) 14%
 - d) 6%
25. The presence of high coliform counts in water indicate _____
- a. contaminated by human wastes
 - b. phosphorus contaminated
 - c. decreased biological oxygen demand
 - d. hydrocarbon contamination
26. Which of the following product the most solid waste?
- a. Manufacturing
 - b. Agriculture
 - c. Packaging industry

d. Nuclear power plants

27. Which of the following statement does not describe a problem associated with modern landfills?

- a. Chemical leaking out of the waste stored there may pollute wells or ground water supplies
- b. Material buried in landfills decompose in three years
- c. Explosive gases can be produced by landfills and may build up in the basement of nearby buildings
- d. All of the above

28. What makes circuit board one of the most sought after E- Waste?

- a. Contains metals with commercial value
- b. readily available
- c. Easiest to work with
- d. Contains no toxic components

29. Ground water mining in coastal areas can result into _____

- a. increase in the salinity of ground water
- b. decrease in the toxicity of ground water
- c. decrease in salinity of ground water
- d. increase in the water table

30. One of the best solutions to get rid of non-biodegradable wastes in _____

- a. Burning
- b. Dumping
- c. Landfills
- d. Recycling

31. Minamata disease in Japan was caused due to water pollution of _____

- a. Lead
- b. Mercury
- c. Methyl Isocyanides
- d. Bromine

32. Which of the following is an air pollutant _____

- a. Ozone
- b. CFC
- c. Carbon dioxide
- d. Oxygen

233. What is the meaning of 'Tainting' related to marine pollution?
- Unpleasant flavor of seafood
 - Unpleasant flavor of water
 - Unpleasant flavor of soil
 - Unpleasant flavor of air
34. In an ecosystem, the 10% of energy available for transfer from one trophic level to the next is in the form of _____
- Heat energy
 - Light energy
 - Chemical energy
 - Mechanical energy
35. Flow of energy in an ecosystem is always _____
- Unidirectional
 - Bidirectional
 - Multi directional
 - No specific direction
36. Organisms of a higher trophic level which feed on several types of organisms belonging to a lower trophic level constitute the _____
- Food web
 - Ecological pyramid
 - Ecosystem
 - Food chain
37. Which of the two sets belong to the same trophic level?
- Rabbit: Tiger
 - Vulture : Rat
 - Grasshopper : Hawk
 - Frog : Lizard
38. Which of the following is the best way for disposal of vegetable and fruit peels?
- Landfill
 - Recycling

(c) Composting

(d) Burning

39. The percentage of solar radiation absorbed by all the green plants for the process of photosynthesis is about _____

(a) 1%

(b) 5%

(c) 8%

(d) 10%

40. The forest (conservation) act was enacted in the year _____

a. 1986

b. 1974

c. 1980

d. 1972

41. The first of the major environmental protection act to be promulgated in India was _____

a. The wild life protection act

b. The air act

c. The noise pollution act

d. None of the above

42. Environment protection act was enacted in the year _____

a. 1986

b. 1989

c. 1994

d. 1998

43. Which of the following is to empower to take measure to protect and improve environment as per the environment protection act _____

a. Central government

b. State government

c. Corporation

d. Legislative

44. The environmental protection act 1986 deals with _____

a. Water

b. Air

c. Soil

d. All

45. The EAI should be conducted _____

a. Before commencement of the project

b. During the project

c. After completion of project

- d. At anytime before or after the project
46. ISO-14000 standards deals with _____
- Pollution management
 - Risk management
 - Environmental management
 - Waste management
47. World summit on sustainable development was held at _____
- Johannesburg in 2002
 - Rio de Janeiro in 1992
 - Kyoto in 1994
 - Stockholm in 2000
48. One carbon credit is equivalent to _____
- 100tons carbon reduction
 - 10tons of carbon reduction
 - 1 ton of carbon reduction
 - ½ ton of carbon reduction
49. Decomposing yards waste and fruits and vegetable trimmings which can be broken down by bacteria, which reduce the need for fertilizer is called as _____
- Chemical fertilizer
 - Composting
 - Animal drug
 - Biogas
50. The predominant source of energy on earth is _____
- Electricity
 - Natural gas
 - The sun
 - Plants
51. What is the most common material used in making solar cell?
- Silver
 - Iron
 - Aluminium
 - Silicon
52. Which of the following states in India ranks first in the installation of wind power?
- Gujarat
 - Andhra Pradesh
 - Maharashtra
 - Tamil Nadu
53. What kind of a energy does a wind turbine use?
- Kinetic energy
 - Potential energy
 - Chemical energy
 - Thermal energy

54. A place where many wind turbines are installed together to produce electricity is called as ____
- Wind farm
 - Propeller collection
 - Wind stand
 - Wind turbine station
55. Solar photovoltaic cells converts solar energy directly into _____
- Mechanical energy
 - Electricity
 - Heat energy
 - Transportation
56. An anemometer is an instrument used for measurement of _____
- Solar radiation
 - Wind speed
 - Temperature gradient
 - Depth in ocean
57. Which source of renewable energy is caused by uneven heating of earth surface _____
- Solar
 - Wind
 - Geothermal
 - Biomass
58. Biomass can be used as fuel through _____
- Combustion
 - Fermentation
 - Digestion
 - All of the above
59. The tidal waves are caused by the periodic rise fall of oceans. It is associated with the position of _____
- Moon
 - Sun
 - Earth
 - Sea
60. Energy derived from hot spots beneath the earth called _____
- Bio energy
 - Geothermal energy
 - Nuclear energy
 - Hydrogen energy
61. What are the benefits of organic farming?
- It helps in maintaining environment health by reducing the level of pollution
 - It reduces human and animal health hazardous by reducing the level of residues in the product
 - It helps in keeping agriculture production at a higher level and makes its sustainable
 - All the above

62. The material used for containment, protection, handling delivery and presentation of goods refers to _____
- Packaging
 - A box
 - Material handling
 - Containerization
63. Which type of electricity generating power plant releases radioactive material as well as toxic metals such as lead and arsenic under normal operating conditions?
- Nuclear
 - Hydroelectric
 - Solar
 - Coal burning
64. Which of the following is not a practice associated with sustainable agriculture?
- Fallowing of land
 - Crop rotation
 - Biological control of pests
 - Perennial polyculture
65. Which of the following organism would probably belong to the same trophic level as a bear?
- A deer
 - An oak tree
 - A wolf
 - A cow
66. Which one the following is not biodegradable?
- Vegetable
 - Fruits
 - Earthworm
 - Aluminium foil
67. Vermicomposting is done by _____
- Fungus
 - Bacteria
 - Worms
 - Animals
68. The organism which directly feed on producers are called _____
- Herbivores
 - Carnivores
 - Decomposers
 - Saprophytes
69. Organism which feed directly or indirectly on producers are called _____
- Prey
 - Consumers

- c. Decomposers
 - d. Detritus
70. Which of the following statements are Not related to the problem experienced due to large dams and reservoirs _____
- a. Flooding and downstream
 - b. Displacement of people
 - c. Large loss of water through evaporation
 - d. Disruption of the aquatic system
71. Which of the following is not a form of non-conventional energy _____
- a. Tidal
 - b. Geo thermal
 - c. Wind
 - d. Hydel
72. Which of the following gases occupies the lowest percentage of the current atmosphere on earth?
- e. Nitrogen gas
 - f. Oxygen gas
 - g. Carbon dioxide gas
 - h. Ozone
73. Which one of the following is an artificial ecosystem?
- (a) Lake
 - (b) Forest
 - (c) Pond
 - (d) Crop field
74. We should reduce the use of plastic bags bottles etc. because ____
- a. They are not durable
 - b. They are non-biodegradable
 - c. They are made of toxic material
 - d. They react with the atmospheric gases
75. What is the harm from the depletion of earth ozone layer _____
- a. The average temperature of earth surface will increase gradually
 - b. The oxygen content of the atmosphere will decrease
 - c. Increased amount of ultra violet radiation will reach earth's surface
 - d. Sea level will rise as the polar ice caps will gradually melt
76. The main problem with so called biodegradable plastic is that _____
- a. Only its organic portion actually decomposes
 - b. Animals often choke on the plastic litter that forms
 - c. It releases toxic compound as it breaks a part
 - d. It includes a chemical made by a rare bacterium

77. Decomposing yard waste and fruits and vegetable trimmings which can be broken down by bacteria which reduces the need for fertilizer is called as _____

- a. Chemical fertilizer
- b. Composting
- c. Animal drug
- d. Fertilizer

78. The methane found in landfills is a gas that _____

- a. is produced when wastes react with oxygen
- b. must be pumped to the surface in leachate pipes
- c. is a major contaminated of ground water supplies
- d. may be capture and used to produce energy

79. What is the common reason people or companies give for not recycling the electronics?

- a. Government restriction
- b. No resale value
- c. Lack of recycling facilities
- d. Security problem

80. All are particulate pollutants are expect _____

- a. Dust
- b. Ozone
- c. Soot
- d. Smoke

81. Edaphic factor include _____

- a. Abiotic components
- b. Biotic components
- c. Producer
- d. Consumer

82. The wild life protection was enacted in year _____

- a. 1986
- b. 1974
- c. 1994
- d. 1972

83. The water (Prevention and control of pollution) act was enacted in the year _____

- a. 1986
- b. 1974
- c. 1994
- d. 2004

84. The objective of wild life protection act 1972 is _____
- To preserve wild life bio diversity
 - To maintain essential ecological and life supporting systems
 - Protection and conservation of wild life
 - Support Wild life
85. Environmental protection is the fundamental duties of the citizen of India under the article
- 51-A(g)
 - 48-A
 - 47
 - 21
86. Non-Biotic environment includes
- Producers
 - Consumers
 - Soil
 - Fertility
87. EEA means
- European Energy Association
 - Environmental Efficiency Audit
 - European Environmental Agency
 - Environmental Energy Audit
88. Where was the 2002 World Summit on Sustainable Development held _____
- Dublin
 - Doha
 - Johannesburg
 - Rio de Janeiro
89. Which pollution issue is people (in the UK) most concerned about _____
- Disposal of hazardous waste
 - Pollution in rivers
 - Condition of bathing water
 - Traffic Fumes
90. What is the legal principle for handling waste _____
- Waste Hierarchy
 - Precautionary Principle
 - Duty of Care
 - Reasonably Practicable
91. What is the main reason for the increase in water contamination incidents _____
- Increased flooding
 - Management failure
 - More chemicals

d. Operator mistakes

92. What is called for the removal of sand, gravel in the primary treatment of sewage treatment plant?

- a. Course screening
- b. Fine screening
- c. Grit removal
- d. Chlorination

93. Where can we find rotating arm sprays in sewage treatment?

- a. Primary treatment
- b. Secondary treatment of trickling filter
- c. Secondary treatment of activated sludge process
- d. Secondary process of oxidation pool

94. What is the meaning of 'Tainting' related to marine pollution?

- a. Unpleasant flavour of seafood
- b. Unpleasant flavour of water
- c. Unpleasant flavour of soil
- d. Unpleasant flavour of air

95. When drill cutting dumped on the seabed which toxic is produced?

- a. Toxic nitrites
- b. Toxic fluorides
- c. Toxic sulphides
- d. Toxic hydrates

96. What happens if liquid oil contaminates a bird's plumage?

- a. Birds bone become weak
- b. Birds lost its memory
- c. Birds digestive system becomes weak
- d. Birds lost its water-repellent properties

97. How soil resistance can increase against erosion?

- a. By maintaining the water inflow
- b. By maintaining the physical structure of soil
- c. By maintaining the environmental conditions
- d. By increasing the manure given to the plants

98. In order to control the water pollution of pathogenic bacteria, viruses and parasites, how many categories are there?

- a. One
- b. Two
- c. Three
- d. Four

99. How are aquatic weeds used in controlling water pollution?

- a. They use as a decorative substances
- b. They use as biological filters
- c. They use as chemicals
- d. They used to upgrade wastewater treatment

100. Water that has been exposed to a substance other than water I called as _____

- a. Water purification
- b. Water strength
- c. Water contamination
- d. Water desolation