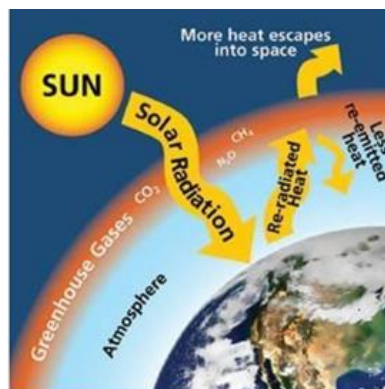


1. Which of these is incorrect as far as the focus of environment management is concerned? (1M)
  - a. Mitigate or prevent further damage in the Earth and its organisms
  - b. Monitor impacts of adverse human activities on the environment
  - c. Modeling, assessment and planning towards environment management
  - d. Ignoring human well being
  
2. Which of these is an encouraging activity to combat major environmental issues? (1M)
  - a. Deforestation
  - b. Pollution
  - c. Switch towards renewable energy resources
  - d. Population explosion
  
3. With the goal of ending hunger, achieving food security and improved nutrition and promoting sustainable agriculture, which of these initiatives has the Government of India taken? (1M)
  - a. Beti Bachao Beti Pado
  - b. Atal Innovation Mission
  - c. National Mission on Sustainable Agriculture
  - d. Women Empowerment Campaign
  
4. From the figure given below, what process is primarily depicted? (1M)



- a. Natural green-house effect
- b. Ozone layer formation
- c. Wave propagation
- d. Meteors

5. Which of these is an example of economy-centric approach to environment management? (2 M)
- Media
  - Taxation
  - Standards
  - Education
6. Which of these is a clean-burning source of fuel for cooking purpose? (1M)
- Cow dung
  - LPG
  - Wood
  - Agricultural residues
7. Which of these gases is the main component of natural gas? (1M)
- CO<sub>2</sub>
  - N<sub>2</sub>O
  - CH<sub>4</sub>
  - SO<sub>2</sub>
8. Which of this statement are incorrect? (1M)
- CFCs are commonly used in aerosol sprays and as coolants in refrigerators
  - CFC on reaching the stratosphere are broken down by the sun's rays into substances that include chlorine
  - Use of CFC gases is a major threat to ozone depletion
  - CFCs strengthen the stratospheric ozone
9. Which of these is an incorrect statement? (1M)
- The ozone 'hole' is actually an area of the stratosphere with extreme high concentrations of ozone
  - CO<sub>2</sub> can linger in the atmosphere for many years
  - Concentration of greenhouse gases in the atmosphere is increasing artificially through burning of fossil fuels
10. Which of these measures of biodiversity indicate measure of the number of species found in a sample? (1M)
- Species richness
  - Variation
  - Distribution
  - Abundance
11. Which of these is not a major reason for loss of biodiversity in India? (1M)
- Poaching
  - Destruction of habitat

- c. Increase in development activities
  - d. Sustainable use of biodiversity
12. Which of these is an incorrect statement? (1M)
- a. Applying wet cloth over the mouth and nose in case of gas leakages minimizes the health hazards
  - b. Removing human encroachments around hazardous industries helps minimize any untoward disasters
  - c. Proper training of personnel working in the hazardous industries is extremely important
  - d. Being outdoors in case of radioactive accidents is a must
13. Which of these is not a cause of species getting endangered? (1M)
- a. Loss of habitat
  - b. Reduction in pollution
  - c. Growth of invasive species
  - d. Man-animal conflict
14. Which of these is an incorrect statement? (2 M)
- a. The needles and syringes should be disinfected before disposal
  - b. Some of the essentials of a good bio-medical waste management plan include cleanliness, good house-keeping, adequate supply of safe water, sanitary facilities and proper ventilation
  - c. Waste can also be minimized by recycling certain waste such as glassware, plastic material etc. after proper cleaning and disinfection
  - d. Wastes generated from hospitals need not be identified and quantified as such
15. Which of these is not a likely cause of industrial accident? (1M)
- a. Safe house-keeping
  - b. Defective electrical fitting
  - c. Defective equipment
  - d. Inadequate safety devices
16. Which act bestows on the Central (or State) Board the power to evolve methods of utilization of sewage and suitable trade effluents in agriculture? (2M)
- a. Environment Protection Act
  - b. Forest Act
  - c. Water (P&CP) Act
  - d. Air (P&CP) Act
17. Which of the following statement is incorrect according to Air (P&CP) Act? (2M)

- a. The function of the State board is to collect and disseminate information relating to air pollution
- b. The function of the State board is to lay down, in consultation with the Central Board, standards for the quality of air, standards for emission of air pollutants into the atmosphere from industrial plants and automobiles
- c. The function of the State board is to inspect sewage or trade effluents, works and plants for the treatment of sewage and trade effluents
- d. The function of the State board is to inspect air pollution control areas, assess the quality of air therein and take steps for the prevention, control or abatement of air pollution in such areas

18.The region of earth, where life exists is known as \_\_\_\_\_ (1M)

- (A) Atmosphere
- (B) Biosphere
- (C) Lithosphere
- (D) Hydrosphere

19.The non-living components of ecosystem is \_\_\_\_\_ (1M)

- (A) Fish
- (B) Plant
- (C) Water
- (D) Algae

20. The following is not Producer (1M)

- (A) Algae
- (B) Green plants
- (C) Photosynthetic bacteria
- (D) Metal

21.\_\_\_\_\_ are Primary consumers (1M)

- (A) Herbivores
- (B) Carnivores
- (C) Omnivores
- (D) Reptiles

22.Carnvores are at \_\_\_\_\_ (1M)

- (A) First trophic level
- (B) Second trophic level
- (C) Third trophic level
- (D) Fourth trophic level

23. In the process of Photosynthesis, plants use chlorophyll to transform sunlight into \_\_\_\_\_ energy (1M)

- (A) Heat
- (B) Chemical
- (C) Light
- (D) Electrical

24. In Desert Ecosystem, Shrubs or Bushes are \_\_\_\_\_ (1M)

- (A) Producer organisms
- (B) Consumers
- (C) Decomposers
- (D) Carnivores

25. The following is not a type of Ecosystem (1M)

- (A) Grassland Ecosystem
- (B) Aquatic Ecosystem
- (C) Desert Ecosystem
- (D) Mountain Ecosystem

26. The relationship between economic growth and \_\_\_\_\_ is evident in almost all countries developing as well as developed (1M)

- A. Population growth
- B. Environment conservation
- C. Illiteracy
- D. Cultural prosperity

27. Existence of any organization is not visible in absence of \_\_\_\_\_ (1M)

- A. Wood
- B. Plastic
- C. Coal
- D. Environment

28. Which of the following characteristics is not developed in an organization to achieve the purpose of Quality Management? (2M)

- A. Teamwork
- B. Obsession with quality
- C. Customer focus
- D. cultural prosperity

29. Which one of the following is the major environmental issue? (1M)

- a) Use of resources

- b) Use of economy
- c) Education
- d) Employment

30. In which of the following way we can create awareness among people about environment efficiently? (2M)

- a) By the help of mass media shows the importance of environment
- b) By spreading through mouths
- c) By forcefully insisting people to protecting environment
- d) By making treaties with other countries

31. Where we can see State Department of Environment? (1M)

- a) State where there is no danger for environment
- b) State where there is danger for environment
- c) State where there is no adequate environment
- d) In all States of India

32. Which of these energy sources is renewable? (1M)

- A. Wind
- B. Nuclear
- C. Coal
- D. Oil

33. Which of the following has not helped to change corporate culture and management practices by giving emphasis to environment? (2 M)

- A. CSR
- B. EMS
- C. LCA
- D. Population growth

34. The supporting system of ISO 14000 does not consists of \_\_\_\_\_ (1M)

- A. ISO 14010
- B. ISO 14020
- C. ISO 14030
- D. ISO 16010

35. ISO does not consider one of the following principles in developing international standards (1M)

- A. consensus
- B. industry wide applicability
- C. voluntary nature
- D. Social reforms

36. The ISO 14000 series contains two types of standards, they are: (2 M)

- A. Leading and controlling
- B. Safety and health standards
- C. Specification and guidance standards
- D. Social and economical equality

37. What is the first stage of EMS process? (2 M)

- A. Set environment objectives and Targets
- B. Establish Environment policy
- C. Assign environment responsibility
- D. Reduce Energy consumption

38. Which of these is incorrect about environment management? (1M)

- a. Seeks to integrate science, social science, policy making and planning
- b. It undermines the need to address threats and problems towards the environment
- c. It emphasizes on sustainable development
- d. It attempts to recognize the need to meet and/or exceed basic human needs

39. Which of these statements is incorrect with respect to industrial accidents? (2 M)

- a. There is no need to have safety training & drills on a periodic basis
- b. A list of hazardous chemicals and flammable gases should be established
- c. Workplace safety needs to be assessed on regular basis
- d. It is not required to conduct equipment and maintenance audits on regular basis

40. What is the pH range of acid rains? (2 M)

- a. 4.2-4.4
- b. 5.2-5.4
- c. 6.2-6.4
- d. 7.2-7.4

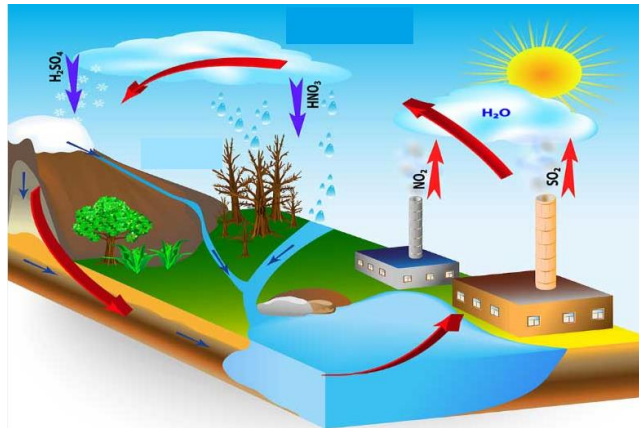
1. Which of these is incorrect about environment management? (1 M)
  - a. Seeks to integrate science, social science, policy making and planning
  - b. Shows opportunities and the need to address threats and problems
  - c. Overlook sustainable development
  - d. It attempts to recognize the need to meet and/or exceed basic human needs
2. Which of these is not an example of renewable energy sources? (1 M)
  - a. Solar energy
  - b. Tidal energy
  - c. Coal
  - d. Hydro energy
3. With the goal of ending Poverty in All its Forms Everywhere, which of these initiatives has the Government of India taken? (2 M)
  - a. Pradhan Mantri Fasal Bima Yojana
  - b. Mahatma Gandhi National Rural Employment Guarantee Act
  - c. Beti Bachao Beti Pado
  - d. Maternity Benefit Programmes
4. Which of these is an example of advisory approach to environment management? (1 M)
  - a. Subsidies
  - b. Taxation
  - c. Standards
  - d. Education
5. To which of the agenda points of the United Nations Sustainable Development goals does the image associate with? (2 M)



- a. Sustainable cities and communities
  - b. Decent work and economic growth
  - c. Gender equality
  - d. No poverty
6. Which of these statements are incorrect with respect to earth's natural greenhouse effect? (1 M)
  - a. 70% of incoming sunlight absorbed by land, oceans and ultimately by the earth's atmosphere



- b. The heat energy radiated by land, oceans and earth's atmosphere is absorbed by atmospheric water-vapour, and long-lived gases like CO<sub>2</sub> and CH<sub>4</sub>
  - c. CO<sub>2</sub> and CH<sub>4</sub> behave like tiny heaters thereby radiating in all directions that moves back toward Earth enhancing the heat further
  - d. Human activities like burning fossil fuels, cutting down carbon-absorbing forests are integral to the earth's natural greenhouse effect
7. Which of these statements is incorrect about global warming? (1 M)
- a. A major alarming consequence of global warming is melting of the arctic glaciers
  - b. Global warming is a result of the 'greenhouse effect'
  - c. Setting up coal-powered plants is an encouraging move to combat global warming
  - d. CO<sub>2</sub> is the primary greenhouse gas majorly responsible for global warming
8. Which of these is not pH of acid rains? (1 M)
- a. 4.2
  - b. 5.6
  - c. 4.3
  - d. 4.4
9. Which harmful phenomena is this? (1 M)



- a. Acid rains
  - b. Global warming
  - c. Ozone depletion
  - d. Melting of arctic glacier
10. Which of these is an incorrect statement? (2 M)
- a. Changes in the interactions between species can lead to negative impacts on ecosystem processes thereby affecting biodiversity
  - b. Biodiversity plays an important role in the way ecosystems function and in the services they provide

- c. Loss of biodiversity has no link to reduction in capacity of species being able to adjust to changing environments
  - d. The local loss of an essential species can disrupt ecosystem services for a long time
11. In 2020, in which of these states did a gas leak remind all of the Bhopal Gas Tragedy, which happened in 1984? (1 M)
- a. Tamil Nadu
  - b. Andhra Pradesh
  - c. Gujarat
  - d. Karnataka
12. \_\_\_\_\_ species are likely to become endangered unless the circumstances that are threatening its survival and reproduction improve (1 M)
- a. Extinct
  - b. Endangered
  - c. Vulnerable
  - d. Critically endangered
13. Which of the following statements are incorrect? (1 M)
- a. Biomedical wastes are not infectious
  - b. Disposable biomedical wastes if recycled without being washed is hazardous
  - c. Biomedical waste have the potential for dissemination of infection
  - d. Biomedical wastes are injurious by nature
14. Which of these techniques of biomedical waste treatment involves introducing very hot steam for a determined amount of time? (1 M)
- a. Autoclaving
  - b. Incineration
  - c. Microwaving
  - d. Chemical disinfection
15. Which of these statements is incorrect with respect to industrial accidents? (1 M)
- a. It is important to have safety training & drills on a periodic basis
  - b. A list of hazardous chemicals and flammable gases should be established
  - c. Workplace safety need not be assessed as such
  - d. It is not required to conduct equipment and maintenance audits on regular basis
16. Which act bestows on the Central (or State) Board the power to give instructions for ensuring standards for emission from automobiles (2 M)
- a. Environment Protection Act

- b. Forest Act
  - c. Water (P&CP) Act
  - d. Air (P&CP) Act
17. Which of the following statement is incorrect according to Water (P&CP) Act? (2 M)
- a. The function of central board is to lay down standards for the quality of air
  - b. The function of central board is to lay down, modify or annul, in consultation with the State Government concerned, the standards for a stream or well
  - c. The function of central board is to organize through mass media a comprehensive programme regarding the prevention and control of water pollution
  - d. The function of central board is to plan and organize the training of persons engaged or to be engaged in programmes for the prevention, control or abatement of water pollution

18. Which of these EMS model is well known? (1 M)

- A. NEIC
- B. ACC
- C. ISO 14001
- D. EMAS

19. ISO stands for \_\_\_\_\_ (1 M)

- A. International Specifications Organization
- B. International Standards Organization
- C. Internal Standards and Operations
- D. Internal Safety Organization

20. What is the first stage of EMS process? (2 M)

- A. Set environment objectives and Targets
- B. Establish Environment policy
- C. Assign environment responsibility
- D. Reduce Energy consumption

21. EMS is the component of an organization with primary responsibility for leading, planning, controlling, and organizing as they relate specifically to \_\_\_\_\_ (1 M)

- A. Processes
- B. Energy
- C. Law
- D. Communications

22. Which of the following is not the set of justifications for government's regulating interventions? (1 M)

- A. Prevention of market failure

- B. Restrictions on Anti-competitive practices
- C. Promotion of public interest
- D. Social reforms

23. Which of the following area is not considered under the concept of environmental quality? (1 M)

- A. Shelter
- B. Public health safety
- C. Efficiency factor of Environment
- D. Industrialization

24. Which of the following is not the tool adopted and practice by the corporations as the requirement of corporate environment responsibility? (1 M)

- A. EMS
- B. Environmental Audit
- C. Environment Impact Assessment
- D. Financial Audit

25. All definitions of Corporate Social Responsibility recognize that \_\_\_\_\_ (2 M)

- A. companies have a responsibility for their impact on society and environment.
- B. the natural environment should be the main focus of CSR activities.
- C. Business ethics is a complex issue.
- D. Companies must pay equal attention to business ethics and sustainability.

26. Which of the following has not helped to change corporate culture and management practices by giving emphasis to environment? (1 M)

- A. CSR
- B. EMS
- C. LCA
- D. Population growth

27. Environmental damage is consequential effect of ----- (1 M)

- A. Industrialization
- B. Green revolution
- C. Illiteracy
- D. Poverty

28. Which one of the following is not a gaseous biogeochemical cycle in an ecosystem? (1 M)

- a) Carbon cycle
- b) Phosphorous cycle
- c) Sulfur cycle
- d) Nitrogen cycle

29. Transfer of energy from source of plants through a series of organism is known as \_\_\_\_\_ (1 M)

- a) Food web
- b) Energy cycle
- c) Food chain
- d) Biological system

30. The grass that the mice eat contains energy. What is the source of energy for the grass? (1 M)

- A. Rainwater
- B. The Sun
- C. The soil
- D. Minerals

31. Which is NOT an abiotic factor? (1 M)

- A. soil
- B. air
- C. bacteria
- D. water

32. A third-level consumer has to be which type? (1 M)

- A. Carnivore.
- B. Decomposer.
- C. Producer.
- D. Herbivore.

33. The diagram that shows the amount of energy moving from one feeding level to another in a food web is \_\_\_\_\_ (1 M)

- A. Energy Pyramid
- B. Food Web
- C. Ecosystem
- D. Food Chain

34. A carnivore eats only other animals. Which is an example? (1 M)

- A. Bison
- B. Elephant
- C. Caterpillar
- D. Coyote

35. A consumer gets energy by doing what? (1 M)

- A. Making it themselves.
- B. Breaking down biotic wastes and dead organisms and returning raw materials to the ecosystem.
- C. Soaking it up from the ground.
- D. Feeding on other organisms

36. A Total Quality approach can be used for managing safety even in traditional organizations that reject QM overall. What is this approach called? (2 M)

- A. TMS
- B. TWA
- C. TSM
- D. TMW

37. Which of the following characteristics is not developed in an organization to achieve the purpose of QM? (2 M)

- A. Teamwork
- B. Obsession with quality
- C. Customer focus

D. cultural prosperity

38. Which of these is an incorrect statement? (1 M)

- a. Applying wet cloth over the mouth and nose in case of gas leakages maximizes the health hazards
- b. Removing human encroachments around hazardous industries helps minimize any untoward disasters
- c. Proper training of personnel working in the hazardous industries is extremely important
- d. Being indoors in case of radioactive accidents is a must

39. Which of these statements is incorrect? (1 M)

- a. CFCs are commonly used in aerosol sprays and as coolants in refrigerators
- b. CFC on reaching the stratosphere are broken down by the sun's rays into substances that include aluminum
- c. Use of CFC gases is a major threat to ozone depletion
- d. CFCs weakens the stratospheric ozone

40. Which of these is an incorrect statement? (2 M)

- a. The needles and syringes should be disposed of as it is in an ideal scenario
- b. Some of the essentials of a good bio-medical waste management plan include cleanliness, good house-keeping, adequate supply of safe water, sanitary facilities and proper ventilation
- c. Waste can also be minimized by recycling certain waste such as glassware, plastic material etc. after proper cleaning and disinfection
- d. Wastes generated from hospitals need to be identified and quantified before proper disposal