

MEV-003

POST GRADUATE DIPLOMA IN ENVIRONMENTAL AND
OCCUPATIONAL HEALTH (PGDEOHOL)
ENVIRONMENTAL LAW AND MANAGEMENT

Time : 90 Minutes

Maximum Marks : 50

Note : (i) Answer all questions.

(ii) Each question carries 1 mark.

1. The United Nations Conference on the Human Environment was held at
..... .

- A) Rio de Janeiro
- B) Stockholm
- C) Johannesburg
- D) Kyoto

2. Which one of the following is not the outcome of Rio Conference held in 1992?

- A) Agenda-21
- B) UNFCCC
- C) Convention on Biodiversity
- D) UNEP

3. CITES stands for

- A) Convention on International Trade in endangered Species of wild fauna and flora
- B) Convention of Trade in Ecosystem Services
- C) Convention on International Trade in Economic Services
- D) Convention on International Trade in Economic Plant Specimens

4. Which one of the following statements about Persistent Organic Pollutants (POPs) is incorrect?

- A) POPs are commonly used in agriculture and to control insect-pests.
- B) POPs generally bioaccumulate in food chains.
- C) The phrase 'dirty dozen' refers to 12 deadly POPs.
- D) Rotterdam convention on POPs aims to restrict the production and use of POPs.

5. Which one of the following statements regarding the Cartagena Protocol on Biosafety is incorrect?

- A) The Cartagena Protocol on biosafety is a supplement to the convention on biological diversity.
- B) It aims to protect the biodiversity from the potential threat resulting from GMOs.
- C) The protocol outlines the precautionary principles that should be applied to products of modern biotechnology.
- D) The protocol suggest measures to avoid bioterrorism.

6. Central Pollution Control Board was constituted in

- A) 1974
- B) 1977
- C) 1981
- D) 1986

7. Ramsar Convention deals with

- A) Wetlands
- B) Aquifer
- C) Coastal areas
- D) Coral reefs

8. Which one of the following schemes is not a part of National Health Mission?
- A) Rashtriya Bal Swasthya Karyakram
 - B) Rashtriya Kishore Swasthya Karyakram
 - C) Janani Swasthya Shishu Suraksha Karyakram
 - D) Swachh Bharat Abhiyan
9. is caused by infected mosquitoes, *Aedes aegypti*.
- A) Malaria
 - B) Dengue Fever
 - C) Chagas disease
 - D) Kala azar
10. The Government of India launched the National Goitre Control Programme in the year
- A) 1962
 - B) 1967
 - C) 1972
 - D) 1977
11. 1987 amendment to the Factories Act, 1948 introduced special provisions on
- A) Hazardous industrial activities
 - B) Agricultural activities
 - C) Software technology parks
 - D) Cottage industries
12. is generated during the diagnosis, treatment or immunisation of human beings or animals or in research activities.
- A) Biomedical waste
 - B) Municipal solid waste
 - C) Agricultural waste
 - D) Processing waste

13. aims to regulate the management of household waste, sanitation residue and demolition waste.

- A) Municipal Solid Wastes (Management and Handling) Rules, 2000
- B) Biomedical Waste Management (Amendment) Rules, 2018
- C) Biomedical Waste (Management and Handling) Rules, 1998
- D) Hazardous and other Wastes (Management and Trans-boundary Movement) Rules, 2016

14. The Prevention of Food Adulteration Act was enacted in the year

- A) 1955
- B) 1985
- C) 1968
- D) 1954

15. are agrochemicals used to control and manage crop pests.

- A) Herbicide
- B) Insecticide
- C) Gibberlins
- D) Cytokinin

16. The fertilizer control order has the following provisions. Choose the incorrect option :

- A) Under the fertilizer control order, the central government regulate equitable distribution of fertilizer at a fair price
- B) It prohibits the selling of fertilizer above the minimum price
- C) It ensures the quality of fertilizer supplied to the farmers.
- D) The fertilizer control order enforce registration of fertilizer dealers

17. Bishnoi Movement took place in

- A) Rajasthan
- B) Bihar
- C) Maharashtra
- D) Uttar Pradesh

18. Narmada Bachao Andolan was started in the year

- A) 1985
- B) 1986
- C) 1984
- D) 1987

19. determine our behaviour towards environment.

- A) Environmental ethics
- B) Environmental attitudes
- C) Environmental conservation
- D) Determinism

20. IPAT equation was proposed by

- A) Ehrlich and Holdren
- B) Watson and Crick
- C) Simon Kuznets
- D) Crutzen and Molina

21. is the capacity of certain microbial strains to cause disease.

- A) Pathogenicity
- B) Reproducibility
- C) Extremophiles
- D) Tolerance

22. is the management of biological hazards through proper application of engineered containment and administrative controls.
- A) Biohazard control
 - B) Biocontrol
 - C) Biological control
 - D) Biopesticides
23. refers to the practices, safety equipment and facilities used for working with indigenous moderate risk microbial agents that are associated with human disease.
- A) Biosafety Level 1
 - B) Biosafety Level 2
 - C) Biosafety Level 3
 - D) Biosafety Level 4
24. Which one of the following features regarding green business is incorrect?
- A) Green business has minimal negative impact on the environment.
 - B) Green business use safest ingredients, to keep their customers and clients and their families healthy.
 - C) Green business use extensively the conventional energy sources for electricity generation.
 - D) Green business provide green living alternatives to improve quality of life.
25. is a business approach that contributes to sustainable development by delivering economic, social and environmental benefits for all stakeholders.
- A) Ecological responsibility
 - B) Socio-economic responsibility
 - C) Corporate social responsibility
 - D) Environmental responsibility

26. states that if a product, an action, or a policy has a suspected risk of causing harm to the public or to the environment, protective action should be supported before there is complete scientific proof of a risk.

- A) Precautionary principle
- B) Uncertainty principle
- C) Prevention principle
- D) Principle of subsidiarity

27. allows action to be taken to protect the environment at an early stage.

- A) Uncertainty principle
- B) Principle of subsidiarity
- C) Prevention principle
- D) Precautionary principle

28. The United Nations Convention on the Law of the Sea (UNCLOS) was adopted in the year

- A) 1981
- B) 1982
- C) 1983
- D) 1984

29. The Paris Agreement on Climate Change entered into force in the year

- A) 2016
- B) 2015
- C) 2017
- D) 2018

30. checks the actual and potential environmental liabilities of a site or operation.

- A) Environmental Management System Audit
- B) Environmental Compliance Audit
- C) EIA Audit
- D) Environmental Due Diligence Audit

31. improves the energy efficiency and reduces the costs in energy utilization of a facility.

- A) Environment, Health and Safety Audit
- B) EIA Audit
- C) Waste Management Audit
- D) Energy Audit

32. are used to collect particles having size even less than 1 micrometre.

- A) Gravity settling chamber
- B) Cyclone
- C) Wet collectors
- D) Electrostatic precipitators

33. is a biological method used for treating wastewater containing less inorganic pollutants.

- A) Aerated lagoons
- B) Trickling filters
- C) Activated sludge process
- D) Stabilization pond

34. is the amount of dissolved oxygen required for the biological oxidation of nitrogenous material in wastewater.
- A) Biological Oxygen Demand
 - B) Chemical Oxygen Demand
 - C) Dissolved Oxygen Demand
 - D) Nitrogenous Oxygen Demand
35. Which one of the following statements regarding composting is incorrect?
- A) The pH value of compost material affects the composting process.
 - B) The optimal pH range is 2-4.0 for most of the bacteria.
 - C) The optimal pH range is 5.5 to 8.0 for most of fungi.
 - D) A combination of high temperature more than 40°C and pH below 6 severely deters the composting process.
36. process involves burning of organic matter in controlled temperature condition.
- A) Pyrolysis
 - B) Incineration
 - C) Plasma arc
 - D) Vitrification
37. The process of treating infectious biomedical waste with high temperature is known as
- A) Autoclaving
 - B) Thermal inactivation
 - C) Irradiative process
 - D) Disinfection

38. Which one of the following principles regarding environmental design is incorrect?

- A) Environmental design aims to reduce operational energy consumption from the built infrastructure.
- B) Building materials are made from natural, renewable materials.
- C) Water conservation is ensured through adoption of water conservation measures in buildings.
- D) The limitations of environmental design is that it does not incorporate biodiversity conservation and waste management principles.

39. The International Organization for Standardization is located in:

- A) Geneva
- B) Born
- C) Berlin
- D) Montreal

40. The Convention on Biological Diversity entered into force in the year

- A) 1992
- B) 1993
- C) 1994
- D) 1995

41. Which one of the following statements about Vienna Convention, 1985 is incorrect?

- A) It is a multilateral environmental agreement and came into force in 1988.
- B) The convention aims to facilitate co-operation by research and information exchange on the effects of human activities on ozone layer.
- C) It aims to adopt legislative and administrative measures to save ozone layer.
- D) It include legally binding reduction goals regarding use of CFCs.

42. Which one of the following statements regarding environmental convention is incorrect?

- A) Basel convention entered into force in 1992.
- B) Stockholm convention entered into force in 2004.
- C) Montreal protocol to Vienna convention for protection of ozone layer entered into force in 1989.
- D) Rotterdam convention entered into force in 1985.

43. Which one of the following statements regarding the Water (Prevention and Control of Pollution) Act, 1974 is incorrect ?

- A) The Act aims to prevent, control and abate water pollution.
- B) The Act regulates agencies responsible for checking water pollution.
- C) The Act envisages control of water pollution through a permit or consent administration procedure.
- D) The limitation of the Act is that it does not has provision to constitute Central and State Pollution Control Boards.

44. Which one of the following features of EIA Notification, 2006 is incorrect?

- A) The EIA Notification, 2006 has categorised the projects into two categories.
- B) Category 'A' projects will be appraised at the central level.
- C) Category 'B' projects will be appraised at the state level.
- D) The category 'A' projects will be appraised by environmental impact assessment authorities and committees.

45. Ramsar Convention was signed in the year

- A) 1971
- B) 1974
- C) 1977
- D) 1979

46. is caused by nematode *Wuchereria bancrofti*.

- A) Kala azar
- B) Filariasis
- C) Chagas disease
- D) African sleeping sickness

47. Dental discolouration is a prominent symptom of

- A) Fluorosis
- B) Calcium deficiency
- C) Iron deficiency
- D) Potassium deficiency

48. Article 51A (g) calls upon every Indian citizen to

- A) abide by the constitution and respect its ideals and institutions, the National Flag and the National Anthem.
- B) uphold and protect the sovereignty, unity and integrity of India.
- C) defend the country and render national service, when called upon to do.
- D) protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures.

49. The Public Liability Insurance Act was enacted in India in the year

- A) 1986
- B) 1991
- C) 1996
- D) 2001

50. The National Environment Appellate Authority Act was enacted in the year

- A) 1987
- B) 1997
- C) 2007
- D) 1977