

MEVE-004

POST GRADUATE DIPLOMA IN ENVIRONMENTAL AND
OCCUPATIONAL HEALTH (PGDEOHOL)
INDUSTRIAL SECTOR

Time: 1 : 30 Hours

Maximum Marks: 50

Note: Answer all questions. Each question carries 1 mark.

1. Which city of India is known as the Manchester of India?

- A) Chennai
- B) Bangalore
- C) Mumbai
- D) Ahmedabad

2. More than 60% of the solids in textile waste are removed during:

- A) Final Treatment
- B) Advanced Treatment
- C) Primary Treatment
- D) Secondary Treatment

3. Pollutants mostly generated in textile industry include:

- A) Dyes
- B) Toxic Heavy metals
- C) Residual chlorine
- D) All of the above

4. In gold mining, which of the following is used to extract gold from the ore:

- A) Mercury
- B) Cadmium
- C) Zinc
- D) Molybdenum

5. Tailings are temporarily stored at:

- A) Barren land
- B) Tailings ponds
- C) Tailings Dam
- D) Tailings cover

6. Non-hazardous unwanted material left after smelting process in mining is:

- A) Acid mine drainage
- B) Slag
- C) Sludge
- D) Slurry

7. Anylostomiasis is also known as:

- A) Miner's hypoglycemia
- B) Miner's insomnia
- C) Miner's cataract
- D) Miner's anaemia

8. Sources of pesticides pollutants are:

- A) Point and Non-point
- B) Small and Large scale
- C) Diffuse and Point
- D) Natural and Artificial

9. Pesticides are found at the highest concentration in:

- A) Plants
- B) Birds
- C) Herbivores
- D) Carnivores

10. Which of the following methods is commonly used to destroy wastes like hydrocarbons in pesticide waste?

- A) Ion exchange
- B) Adsorption
- C) Thermal Incineration
- D) Ocean disposal

11. Which of the following chromium species are found in environment?

- A) Trivalent and Hexavalent
- B) Bivalent and Hexavalent
- C) Trivalent and Decovalent
- D) Bivalent and Trivalent

12. Chrome tanning powders and synthetic retanning agents contain high levels of:

- A) Potassium
- B) Sodium sulphate
- C) Copper nitrate
- D) Calcium oxide

13. Anaerobic lagoons of tanneries release:

- A) CO
- B) CO₂
- C) H₂S
- D) N₂O

14. Which of the following is used as an alkaline agent in tanning industries?

- A) Lime
- B) Caustic potash
- C) Organic acids
- D) Chromium

15. Salted hides and skins are preferred over air dried ones because of:

- A) Easier processing
- B) High rehydration potential
- C) Low volatility
- D) Less pollution

16. Leather products are mostly tanned using:

- A) Ammonia
- B) Synthetic tans
- C) Vegetable tans
- D) Chromuim

17. Which of the following does not come under special purpose vehicle?

- A) Ambulance
- B) Fire Engines
- C) Waste Carrying truck
- D) Army vehicle

18. Water-based paints are generally used for:

- A) Metal coatings
- B) Architectural purposes
- C) Home appliances
- D) Automobile industries

19. Lead in paints is one of the prime causes of:

- A) Indoor air pollution
- B) Water pollution
- C) Soil pollution
- D) Ecological degradation

20. Scrafting of automobiles in end of life vehicles stage releases :

- A) Lead
- B) Mercury
- C) Carbon monoxide
- D) Cadmium

21. Which of the following components of paints is referred to as silent epidemic?

- A) Arsenic
- B) Volaline organic carbon
- C) Lead
- D) Pigment

22. Identify the biological hazard in a pharmaceutical industry:

- A) Accidental short circuit
- B) Abuse by the coworkers
- C) Broken glassware
- D) Irregular monitoring of microbial growth

23. PPCPs refers to :

- A) Pre personal care products
- B) Pharmaceutical and personal care products
- C) Personal and pharmaceutical products
- D) Pre primary care products

24. Major component of construction, demolition waste in India comprises of :

- A) Rubble
- B) Pipes
- C) Conducts
- D) Panels

25. Which of the following is not the cause of C. D. waste in India?

- A) Material Handling
- B) Procurement
- C) Climate
- D) Operations

26. Environmenta impact of construction waste includes all except:

- A) Generation of waste water
- B) Noise pollution
- C) Biodiversity loss
- D) Dust emission

27. Occupational hazards associated with iron-steel industry are all except:

- A) Chemical hazards
- B) Biological hazards
- C) Mechanical hazards
- D) Psychosocial hazards

28. Which of the following is not a non-ferruginous waste?

- A) Sludge
- B) Lime fines
- C) Acetylene plant sludge
- D) Broken fire clay bricks

29. In carpal tunnel syndromes:

- A) there is inflammation of tissues
- B) there is inflammation of tendons of toes
- C) there is inflammation of lungs
- D) there is inflammation of the tendon sheath of hands and arms

30. Dry slag is considered suitable as concrete aggregate because of its:

- A) Low strength
- B) Small density
- C) Low temperature endurance
- D) Unstable performance

31. Environmental concerns of alcohol distilleries are related to:

- A) Energy consumption
- B) Water consumption
- C) Waste generation
- D) Air Pollution

32. Material safety data sheet (MSDS) provides information about:

- A) Amount of material usage
- B) Toxicological information about the chemicals
- C) Import of specific materials
- D) Safety precautions taken at the unit.

33. A successful hazard evaluation program requires all except:

- A) Tangible management support
- B) Right tools
- C) Political support
- D) Uptodate information

34. The Employees, State Insurance Act was enacted in the year:

- A) 1975
- B) 1986
- C) 1947
- D) 1948

35. As per the Factories Act, 1948 daily working hours should be:

- A) Not more than 9 hours
- B) Not more than 7 hours
- C) Not more than 6 hours
- D) Not more than 8 hours

36. Which of the following governs the measures of safety and welfare of the labourers working in mines?

- A) Boilers Vessels Act, 1923
- B) Mines Act, 1952
- C) Factories Act, 1948
- D) Child Labour Act, 1986

37. Process safety Information contains information about:

- A) Hazards of chemicals
- B) Process of operations
- C) Knowledge of engineer
- D) Technology know-how

38. Which of the following is not an essential elements of audit?

- A) Staffing
- B) Verification
- C) Planning
- D) Evaluating hazards

39. OHSAS 18001 was published in the year:

- A) 1995
- B) 1996
- C) 1999
- D) 1998

40. Which of the following is considered as the backbone of OHSAS 18001?

- A) Defining context
- B) Determining scope
- C) Evaluating result
- D) Risk assessment

41. Full form of OHSAS is:

- A) occupational hygiene, safety and security
- B) occupational health and safety assessment series
- C) occupational health standards and safety
- D) occupational hazards, safety and surveillance

42. Set of practices to systematically improve processes by eliminating defects is known as:

- A) Six Sigma Quality
- B) Defect Production
- C) Systematic review
- D) Safety factor

43. Which of the following is a nuclear disaster?

- A) Oppau explosion, Germany
- B) Exxon valdez, Alaska
- C) Chernobyl Disaster, Ukraine
- D) Halifax Explosion, Canada

44. Which of the following is not the role of health and safety manager?

- A) Develop health and safety policy
- B) Implement rules
- C) Review and audit the system
- D) Reduce expenses

45. Issuance of enforcement notices comes under:

- A) Punitive risk
- B) Preventive risk
- C) Compensatory risk
- D) Holistic risk

46. Middle-level managers are:

- A) Supervisors
- B) Board of directors
- C) Section heads
- D) General managers

47. Tall structure of management is characterized by:

- A) Ease of delegation
- B) Tight control
- C) Few hierarchical levels
- D) Slow decision-making

48. Managers have formal power over a specific subset of activities in:

- A) Line Authority
- B) Staff Authority
- C) Top Authority
- D) Functional Authority

49. Transactional leadership is characterised by:

- A) Charisma
- B) Emphasis on procedures
- C) Creativity
- D) Personal relations

50. Individual type training need assessment includes all except:

- A) Task Analysis
- B) Competency analysis
- C) Problem survey
- D) Front End Analysis