

**COURSE CODE: MEV-02**  
**POST GRADUATE DIPLOMA IN**  
**ENVIRONMENTAL AND OCCUPATIONAL**  
**HEALTH (PGDEOHOL)**  
**ENVIRONMENTAL AND OCCUPATIONAL HAZARDS**

**Total Marks-50**

**Time Duration-90 Minutes**

Note All questions are compulsory and carries 1 mark each.

1. Fires ignited by earthquakes are ..... .
  - A) Primary effects
  - B) Secondary effects
  - C) Tertiary effects
  - D) None of the above
  
2. The Chernobyl nuclear accident occurred in ..... .
  - A) Pripyat
  - B) Denmark
  - C) Latvia
  - D) Moscow
  
3. Plates move with a velocity of ..... on the underlying asthenosphere.
  - A) 1-10 cm/year
  - B) 5-10 cm/year
  - C) 4-10 cm/year
  - D) 2-10 cm/year
  
4. The study of volcanoes is known as ..... .
  - A) Hydrology

- B) Volcanology
- C) Seismology
- D) Meteorology

5. .... form where warm, humid air is forced upward at cold fronts or because of differential heating at Earth's surface.

- A) Tornado
- B) Thunderstorms
- C) Cyclone
- D) Hurricane

6. .... have low energy with less penetrating capacity than gamma rays.

- A) Alpha rays
- B) Beta radiation
- C) X-rays
- D) UV rays

7. .... is the amount of energy deposited by ionizing radiation in a unit mass of tissue.

- A) Ionizing radiation
- B) Absorbed doze
- C) Non-ionizing radiation
- D) UV rays

8. .... are the substances that cause cancer.

- A) Carcinogens
- B) Mutagens
- C) Teratogens
- D) Halogens

9. .... is used in soaps and detergents and can cause burning, blister formation.

- A) Phenol
- B) Ammonia
- C) Caustic soda
- D) Hydrogen

10. Cholera is a ..... disease.

- A) Viral
- B) Fungal
- C) Bacterial
- D) Parasitic

11. Gram negative bacteria have a ..... layer and an outer lipid membrane.

- A) No peptidoglycan
- B) Thick peptidoglycan
- C) Thin peptidoglycan
- D) Very thick peptidoglycan

12. Byssinosis occurs in the ..... industry.

- A) Mining
- B) Cotton
- C) Pharmaceutical
- D) Construction

13. .... are present in parsnips and grape fruit.

- A) Lectins
- B) Mycotoxins
- C) Glycosides
- D) Furocoumarins

14. .... is used in western North Atlantic, central and eastern pacific.

- A) Typhoon
- B) Cyclone

- C) Hurricane
- D) Storm

15. The Mines Act was enacted in .....

- A) 1952
- B) 1947
- C) 1951
- D) 1953

16. .... cause havoc along coastlines.

- A) Thunderstorms
- B) Tsunamis
- C) Volcanoes
- D) Landslides

17. The Mount Tambora eruption occurred in .....

- A) 1813
- B) 1815
- C) 1817
- D) 1816

18. The volcanoes of Hawaii are .....

- A) Rift volcano
- B) Hotspot volcano
- C) Subduction volcano
- D) Active volcanoes

19. .... is a driving force that causes landslides.

- A) Gravity
- B) Particle size
- C) Particle shape
- D) Particle moisture

20. Noise induced hearing loss occurs when the noise frequency range is

..... .

- A) 500-1000 Hz
- B) 1300-1800 Hz
- C) 4000-6000 Hz
- D) 1000-2000 Hz

21. Propionic acid is an .....

- A) Acid corrosive-inorganic
- B) Acid corrosive-organic
- C) Alkaline corrosive
- D) Corrosive dehydrating agent

22. Ringworm is a ..... disease.

- A) Parasitic
- B) Bacterial
- C) Viral
- D) Fungal

23. .... toxicity causes 'itai-itai.

- A) Manganese
- B) Magnesium
- C) Zinc
- D) Cadmium

24. .... is a nerve poison.

- A) Lindane
- B) Manganese
- C) Zinc
- D) Iron

25. DDT is .....

- A) Dichloro dibromoethane
- B) Dichloro trichloroethane
- C) Dichloro diphenyl dichloroethane
- D) Dichloro diphenyl trichloroethane

26. MRSA refers to .....

- A) Methicillin Resistant Staphylococcus aureus
- B) Methicillin Resistant Salmonella aureus
- C) Methicillin Resistant S. viridus
- D) Methicillin Resistant Streptococcus species

27. Which of these bacterial components is least likely to contain useful antigens?

- A) Cell wall
- B) Flagella
- C) Ribosomes
- D) Capsule

28. Which one of the following is a blood borne pathogenic microbial infection?

- A) HIV
- B) Dermatitis
- C) Cataract
- D) Actinomycetes

29. .... is the ability to experience the feelings of another person.

- A) Sympathy
- B) Empathy
- C) Politeness
- D) Helping nature

30. A. albopictus are vectors for .....

- A) Dengue

- B) Chagao fever
- C) Ebola
- D) COVID-19

31. .... was a devastating pandemic during the years 1346-1353.

- A) Pneumonia
- B) Tuberculosis
- C) Plague
- D) Coronavirus

32. .... is a condition where a person suffers due to ergonomic hazards in the corporate sector.

- A) Tuberculosis
- B) Carpel Tunnel Syndrome
- C) Bagassosis
- D) Byssinosis

33. .... is important in efficient healthcare waste management.

- A) Hazardous
- B) Segregation
- C) Placement
- D) None of the above

34. Waste from human tissues, fluids, organs come under ..... waste.

- A) Sharps
- B) Infections
- C) Non-infectious
- D) Pathological

35. How many times greater is the concentration of respirable suspended particulates in a smoking office than a smoke-free office?

- A) 5 times

- B) 50 times
- C) 100 times
- D) 500 times

36. Which of these is considered as the new tobacco?

- A) Exercise
- B) Sugar
- C) Sitting
- D) Alcohol

37. Constant typing on computers can cause ..... fracture of the hand.

- A) Major
- B) Hairline
- C) Wrist
- D) Ball and Socket

38. .... are events caused by longlived meso to macroscale processes.

- A) Geophysical
- B) Hydrological
- C) Biological
- D) Climatological

39. RDD refers to .....

- A) Radiation Dispersal Device
- B) Nuclear Device
- C) Radiological Dispersal Device
- D) Radiation Device

40. NDRF refers to .....

- A) National Disaster Response Force
- B) National Disaster Radiation Force
- C) New Disaster Radiation Force

D) Naval Disaster Response Force

41. .... uses plasma torches to generate plasma energy.

- A) Incinerators
- B) Plasma pyrolysis
- C) Sterilization
- D) Ovens

42. .... is the acute health condition of the occupants of the building due to the architecture and installations in the building.

- A) Thermal injuries
- B) Chemical injuries
- C) Sick building syndrome
- D) Sprain

43. The terms 'DUCK, COVER AND HOLD!' are important under ..... phase.

- A) Pre-disaster
- B) Disaster
- C) Post-disaster
- D) No disaster

44. .... means harbour waves in Japanese.

- A) Earthquake
- B) Tornado
- C) Tsunami
- D) Cyclone

45. Extreme cold temperatures can cause ..... physical hazards.

- A) Hypothermia
- B) Athlete's foot
- C) Stress

D) Diabetes mellitus

46. Harmful radiations from computer exposure are from .....

- A) Extremely Low Frequency (ELF)
- B) No Radiation Frequency (NRF)
- C) Electric and Magnetic Fields (EMF)
- D) Both A) and C)

47. .... is the study of people's efficiency in their working environment.

- A) Ecology
- B) Ergonomics
- C) Ethnology
- D) Embryology

48. .... is the unit of absorbed doze.

- A) Gray (Gy)
- B) Hertz (Hz)
- C) Ampere (Amp)
- D) Volt (V)

49. .... consists of radiowaves and microwaves.

- A) Gamma particles
- B) Alpha particles
- C) Beta particles
- D) Non-ionizing radiations

50. .... can be used for preparing seismic hazard maps to assess the exact nature of risks.

- A) GIS
- B) Remote sensing
- C) Both A) and B)
- D) Microtome