**MCQ ON *DISASTER MANAGEMENT***

 **Key : BOLD options are the correct answers**

1. Which natural disaster is most frequent during the past 20 years

 a. Drought b. **Flood** c. Volcanic eruption d. Strom

2. The molten rocks that comes out on the earth surface are called

 a. **Magma or lava** b. Ash c. Molten metal d. Molten minerals

3. Pacific ring of fire is made of

a. Inactive volcanoes b. Dead volcanoes c. **Active volcanoes** d. Active and sleeping volcanoes.

4. Which is the World’s largest active volcano

a. Stromboli in Italy b. **Mauna Lao in Hawaii** c. Mauna Kea in Hawaii and d. Aconcagua in Argentina

5. The three volcanic belts are- The Circum-Pacific Belt, The Mid- Continental Belt and

a. The Mid- Antarctic Belt b. The Mid-Hindukush Belt c. **The Mid-Atlantic Belt**

d. None of these

6. Name the highest volcanic mountain in the world

 a. Mt. Ararat b. Mt. Buninyong c. **Mt. Cotopaxi** d. Mt. Elburz

7. Which among the following is not the cause of volcanic eruption

 a. When two plates collides

 b. Pressure builds up inside the earth due to plate movement

 c. Dissolve gases in magma generates huge pressure

 d. **When hot magma enters an empty chamber**

8. Volcanic eruption leads to which of the following

 a. Brings about the change in temperature of the atmosphere

 b. Eruptions of small droplets of sulfuric acid and ashes in the atmosphere.

 c. Damages crops, buildings, roads etc

 d. **All of the above**

9. Name the gas that causes irritation of skin, eye, nose and throat and may cause respiratory problems

 a. CO2 b. NO2 c. **SO2** d. None of these

10. Which natural hazard has caused the greatest number of deaths in a single event?

a. **Earthquakes** b. Floods c. Volcanic eruptions and related disasters d. Hurricanes

11. Which natural hazard has resulted in the greatest monetary losses in a single event for the period of time listed?

 a. **Earthquake** b. Hurricane c. Fire d. Flood

12. The zone of the earth that is divided into rigid plates is the \_\_\_\_\_\_\_\_\_\_\_\_.

a. Atmosphere b. **Lithosphere** c. Tectosphere d. Biosphere

13. Which two natural hazards have caused the most damage both in terms of loss of life and monetary losses over the past 50 years on a global scale?

a. Hurricanes and volcanoes b. Hurricanes and floods c. Hurricanes and tornadoes d. **Hurricanes and earthquakes**

14. Sudden and rapid shaking of the Earth’s surface is called

 a. Tornado b. Volcano c. **Earthquake** d. Flood

15. Name the instrument used for measuring the magnitude of earthquake

 a. **Seismograph** b. Thermometer c. Barometer d. Ergograph

16. Which one of the following is NOT the cause of earthquake

 a. Nuclear testing b. Drilling for oil and natural gas c. **Cutting of trees** d. Coal mining

17. The point within Earth’s interior where the crust breaks by stress (faulting) is called

 a. Epicentre b. **Hypocentre** c. Geo-centre d. None of these

18. Where most of the Earthquake occurs

 a. **Circum-Pacific belt** b. Alpine-Himalayan seismic belt c. Mid-Oceanic ridges

d. None of these

19. Under sea earthquake leads to

 a. Cyclone b. Heavy rain c. **Tsunami** d. Flood

20. Which of the following is NOT occur as a consequence of earthquake

 a. Tsunami b. Fire c. Damage to buildings d. **Drought**

21. A rapidly rotating storm system characterized by low pressure centre, strong winds, spiral arrangement of thunder storms is often called

 a. Tsunami b. **Tropical cyclone** c. Trade winds d. Thunder storm

22. Which of the following is NOT a suitable condition for birth and growth of tropical cyclone

a. Quite air b. **Intense cooling of the air** c. Intense heating of the air d. Highly saturated atmosphere

23. Sub-tropical high pressure areas are located in

 a. 25˚N and 25˚S b. 20˚N and 20˚S c. **30˚N and 30˚S** d. 35˚N and 35˚S

24. Where Coriolis force is nil

a. **At the equator** b. At the poles c. Between 5˚ to 30˚ latitudes d. Between 23½˚N and 23½˚S

25. What type of weather is associated with storms

 a. Violent thundering b. Heavy clouds with torrential rainfall c. Violent gusts of winds d. **All of the above**

26. Which of the following is NOT the natural cause of flood

 a. River bank erosion b. Poor natural drainage c. Heavy rain d. **Deforestation**

27. Which of the following are the natural causes of flood

 a. Sudden change of river gradient b. Cyclone and associated phenomenon c. Storm surge d. Snowmelt d. **All of these**

28. The approximate number of people affected by flood every year in India was

 a. **24 million** b. 12 million c. 36 million d. 15 million

29. About 3/4th of the total damage to crops and property is in the plains of

 a. Southern India b. Eastern India c. Western India d. **Northern India**

30. Which of the following is NOT due to the effects of flood

a. Epidemics and diseases like diarrhea, cholera, typhoid etc. b. **Increase in alkalinity of the soil** c. Occurrence of landslide d. Scarcity of clean drinking water

31. Write down the probable impacts of drought

a. Reduce energy production b. Reduction in ground water level c. Drying up of rivers, lakes and ponds d. **All of these**

32. Which of the following is NOT a social impact of drought

a. Malnutrition b. Stress and tension c. Rise in inflation rate d. **loss of soil moisture**

33. Which part of India accounts for increased farmer’s suicide rates

 a. Northern part b. Western part c. North-eastern part d. **Southern part**

34. Wildfire is also known as

 a. Bushfires b. Forest fires c. Hill fires d. **All of these**

35. What are the common causes of wildfire

a. Very high temperature b. Lightning c. Volcanic eruption d. El-Nino e. **All of these**

36. Which is the most fire-prone country in the World

 a. United States of America b. **Australia** c. Bangladesh d. Africa

37. Which of the following do NOT occurred due to wildfires

a. Global warming b. Loss of wildlife c. Loss of biodiversity d. **All of the above**

38. Write down the natural causes for landslides

 a. Earthquake b. Heavy rainfall c. Unscientific construction of roads ad buildings

 d. **Both a and b**

39.Write down the measures to protect soil erosion

 a. Protection from overgrazing b. Reforestation c. **Both a and b** d. None of these

40. North-eastern zones are prone to which type of natural disaster

 a. Drought b. Flood c. Earthquake d. **Earthquake and landslides**

41. What are the common measures to reduce landslides

a. Restriction of overgrazing b. Storage of excess water in catchments c. Plantation in barren areas d. **All of these**

42. Which of the following is not a man-made disaster

 a. Leakage of toxic gasesb. Wars c. Collapse of high rise buildings d. **All of these**

43. Man made hazards are mainly classified as

a. Wars b. Wars, terrorism and Industrial hazards c. Biological hazards and Engineering failures d. **Both b and c** e. Both a and c

44. What are different types of Industrial hazards

a. Chemical hazards and Physical hazards b. **Chemical, Physical and Biological hazards** d. Chemical and Biological hazards

45. Long term health effects after Bhopal Gas Tragedy are

 a. Impairment of memory b. Obstructive and restrictive lung diseases

 c. Early cataracts d. **All of these**

46. Which of the following is NOT included in the man-made disaster classifications

a. Wars b. Engineering failure c. Biological hazards d. **Wildfire**

47. Where did the largest gas tragedy took place in India in the year 1984

a. **Bhopal** b. Kolkata c. Jamshedpur d. Patna

48. Name the chemical that was leaked in the Bhopal gas tragedy

a. Methyl carbide b. **Methyl Isocyanate** c. Potassium cyanide d. Potassium Isocyanate.

49. Name the place where nuclear chemical explosion had took place in the year 1986

a. Oppau explosion, Germany b. **Chernobyl nuclear power plant, Ukraine** c. Tianjin, China explosion d. Halifax explosion, Canada.

50. When the outbreak of any disease was restricted to one country, it is called

a. **Epidemic** b. Endemic c. Pandemic d. Hypodermic

51. When the outbreak of any disease spread from one country to the other, it is called

a. Epidemic b. Endemic c. **Pandemic** d. Hypodermic

52. Which of the following is NOT a epidemic disease

a. Malaria b. **Cancer** c. Cholera d. Dengue

53. What is the full form of SARS

a. Social and racial struggle b. Soil and river sewage c. Severely affected river sides d. **Severe acute respiratory syndrome**

54. The modern world is currently facing the Pandemic of

a. Cholera b. Malaria c. **HIV-AIDS** d. Tuberculosis

55. Bird flu and swine flu are common in

a. **Birds** b. Human c. Grazing animals d. Monkeys

56. Which of the following is NOT an engineering disaster

a. Dam failure b. Collapse of bridges c. Collapse of fly over d. **Landslides**

57. Where Vivekananda fly over bridge collapse

a. **Kolkata** b. Bangladesh c. Assam d. Orissa

58. What are the consequences of war

a. Loss of lives b. Outbreak of diseases c. Destruction of property d. **All of these**

59. Terrorism is a \_\_\_\_\_\_\_\_\_\_type of disaster

a. **Man made** b. Natural c. Both natural and artificial d. Neither natural nor man made

60. What type of disaster leading to refuges problems

a. Engineering disaster b. Biological disaster c. Industrial hazards d. **Terrorism**