

Roll
NO. _____

SUPERVISORS SIGN : _____

**UNIVERSITY OF MUMBAI'S
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
MASTER IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
POST GRADUATE DIPLOMA IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
ENTRANCE EXAMINATION**

DATE : 06-Apr-24

TIME : 11 AM TO 12 NOON

MARKS : 50

NOTE DO NOT CARRY MOBILE / DIGITAL WATCH IN THE EXAMINATION HALL

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
1	Which organization is responsible for disaster management in India?	A. NDRF	B. WHO	C. UNICEF	D. UNESCO
2	What is the emergency contact number in India for reporting disasters?	A. 112	B. 911	C. 999	D. 100
3	Which gas is commonly associated with industrial accidents in India?	A. Methane	B. Carbon Dioxide	C. Hydrogen Sulfide	D. Oxygen
4	What is the primary cause of industrial fires in India?	A. Electrical faults	B. Human error	C. Chemical reactions	D. Natural disasters
5	Which legislation governs fire safety in India?	A. Fire Safety Act 1996	B. Fire Protection and Prevention Act 1986	C. National Building Code 2016	D. Occupational Safety and Health
6	Which type of fire extinguisher is suitable for electrical fires?	A. Water	B. Foam	C. Carbon Dioxide	D. Powder
7	What is the main purpose of an Emergency Response Plan (ERP) in industrial safety?	A. To prevent accidents	B. To mitigate the consequences of accidents	C. To ensure compliance with regulations	D. To educate employees
8	Which agency formulates and enforces safety standards in Indian industries?	A. Ministry of Environment and Forests	B. Bureau of Indian Standards	C. Ministry of Labour and Employment	D. National Disaster Management
9	What is the first step in managing a chemical spill in an industrial setting?	A. Containment	B. Evacuation	C. Informing authorities	D. Assessing the risk
10	Which type of disaster is most prevalent in coastal areas of India?	A. Earthquake	B. Cyclone	C. Flood	D. Landslide
11	What is the role of the Central Industrial Security Force (CISF) in industrial safety?	A. Enforcing labor laws	B. Providing firefighting services	C. Conducting safety inspections	D. Protecting industrial
12	Which of the following is NOT a factor contributing to industrial accidents in India?	A. Lack of safety training	B. Poor maintenance	C. Strict regulatory enforcement	D. Human error
13	What is the most common cause of workplace accidents in India?	A. Falls	B. Chemical exposure	C. Machinery accidents	D. Electrical hazards

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
14	Which agency is responsible for coordinating disaster response efforts at the national level in India?	A. Ministry of Home Affairs	B. National Disaster Response Force	C. Indian Red Cross Society	D. Indian Army
15	What is the minimum distance required between a chemical plant and residential areas according to Indian regulations?	A. 100 meters	B. 500 meters	C. 1 kilometer	D. 2 kilometers
16	Which type of fire extinguisher is suitable for flammable liquid fires?	A. Water	B. Foam	C. Carbon Dioxide	D. Dry Chemical
17	What is the primary function of the District Disaster Management Authority (DDMA) in India?	A. Post-disaster relief	B. Disaster preparedness	C. Risk assessment	D. Awareness campaigns
18	Which agency is responsible for setting standards for occupational health and safety in India?	A. Ministry of Health and Family Welfare	B. Directorate General of Mines Safety	C. Occupational Safety and Health	D. National Safety Council
19	What is the main objective of the National Disaster Management Authority (NDMA) in India?	A. Response and relief	B. Mitigation and prevention	C. Preparedness and capacity building	D. Recovery and rehabilitation
20	What is the primary cause of deaths in industrial accidents in India?	A. Burns	B. Suffocation	C. Falls	D. Electric shocks
21	Which type of disaster requires the longest-term recovery efforts in India?	A. Earthquake	B. Flood	C. Industrial accidents	D. Cyclone
22	What is the primary responsibility of the Fire Service in India?	A. Enforcing fire safety regulations	B. Providing medical aid	C. Conducting rescue operations	D. Educating the public
23	Which document outlines the framework for disaster management in India?	A. National Emergency Response Plan	B. Disaster Management Act 2005	C. National Disaster Management Policy	D. National Disaster Management
24	What is the role of the State Disaster Response Force (SDRF) in India?	A. Conducting post-disaster assessments	B. Providing immediate response	C. Coordinating relief efforts	D. Offering long-term support
25	Which agency provides training programs for disaster management in India?	A. UNDP	B. NDRF	C. WHO	D. World Bank

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**UNIVERSITY OF MUMBAI'S
GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT
M.A DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
POST GRADUATE DIPLOMA IN DISASTER, FIRE AND INDUSTRIAL SAFETY
MANAGEMENT
ENTRANCE EXAM QUESTION PAPER**

DATE: 03-MAY-25

TIME: 11.00 AM TO 12.00 NOON

MARKS: 50

Q1] MULTIPLE CHOICE QUESTION [2 MARKS EACH]

[50]

1. 1] An active volcano Mauna Loa is located in:

- [A] Hawaii, USA
- [B] Brazil
- [C] Japan
- [D] None of the above

2. 2] Which of the following diseases appeared as public health concern in the last quarter of 20th century?

- [A] HIV
- [B] Ebola virus
- [C] Escherichia coli O157:H7
- [D] All of the above

3. 3] A disease that becomes unusually widespread and even global in its reach is referred to as:

- [A] Epidemic
- [B] Pandemic
- [C] Spanish flu
- [D] Hyperendemic

4. 4] Zika virus is related to which of the following diseases:

- [A] Dengue
- [B] Yellow fever
- [C] Japanese encephalitis
- [D] All of the above

5. 5] Which of the following volcanoes is known for its most destructive volcanic eruption in recorded history?

- [A] Mount Kilimanjaro
- [B] Mauna Loa
- [C] Krakatoa
- [D] Mount St Helens

6. 6] Bhopal Gas Disaster is a kind of:

- [A] Natural disaster
- [B] Manmade disaster
- [C] None of the above
- [D] —

7. 7] What is Ring of Fire?

- [A] Belt of volcanoes in the Circum Pacific region
- [B] Belt of volcanoes in the mid-continental region
- [C] Belt of volcanoes in the mid-atlantic region
- [D] None of the above

8. 8] Who is known as the father of modern seismology?

- [A] Charles Richter
- [B] R.D. Oldham
- [C] W.M. Davis
- [D] None of the above

9. 9] The National Disaster Management Authority (NDMA) is headed by:

- [A] Prime Minister of India
- [B] President of India
- [C] Governor of States
- [D] Chief Minister of States

10. 10] Volcanoes are generally found where:

- [A] Intraplates pull apart or are coming together
- [B] Tectonic plates pull apart or are coming together
- [C] Earth's crust pull apart or are coming together
- [D] None of these pull apart or are coming together

11. 11] International Tsunami information Center is located in:

- [A] Honolulu

- [B] Goa
- [C] Jakarta
- [D] Puducherry

12. 12] Cyclones occurring in North Atlantic ocean are called:

- [A] Typhoon
- [B] Hurricanes
- [C] Tornado
- [D] None of the above

13. 13] The vector of zika virus is:

- [A] Aedes egypti
- [B] Aedes albopictus
- [C] Both a & b
- [D] Different species of mosquitoes

14. 14] Disaster Management includes:

- [A] Mitigation
- [B] Reconstruction
- [C] Rehabilitation
- [D] All of the above

15. 15] In India National Institute of Disaster Management is located at:

- [A] Manipur
- [B] Punjab
- [C] Hyderabad
- [D] New Delhi

16. 16] The Disaster Management Act was made in:

- [A] 2006
- [B] 2003
- [C] 2005
- [D] 2009

17. 17] Which of the following is not an atmospheric hazard?

- [A] Epidemic in human
- [B] Hail
- [C] Heavy rainfall
- [D] Hurricanes

18. 18] The Richter scale expresses an earthquake's:

- [A] Magnitude
- [B] Location
- [C] Duration
- [D] Depth

19. 19] Which of the following is a man-made disaster?

- [A] Terrorism
- [B] Major fire
- [C] Pollution
- [D] All of the above

20. 20] Floods can be prevented by:

- [A] Afforestation
- [B] Cutting the forest
- [C] Tilling the land
- [D] Removing the top soil

21. 21] Which of the following organization is the apex authority of disaster management in India?

- [A] NDA
- [B] NDMA
- [C] CDMA
- [D] INDR

22. 22] Which of the following is not a component of disaster management cycle?

- [A] Preparedness
- [B] Response
- [C] Construction
- [D] Recovery

23. 23] The Bhopal Gas disaster occurred in:

- [A] 1986
- [B] 2003
- [C] 1984
- [D] 2009

24. 24] The instrument which records earthquake wave is called:

- [A] Climograph

- [B] Seismograph
- [C] Hythergraph
- [D] None of the above

25. 25] Which country is known as the most forest fire prone country in the world?

- [A] Uganda
- [B] Canada
- [C] Australia
- [D] India

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POST GRADUATE DIPLOMA IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
ENTRANCE EXAMINATION

DATE: 18/5/24

TIME : 11 AM TO 12 NOON

MARKS : 50

NOTE DO NOT CARRY MOBILE / DIGITAL WATCH IN THE EXAMINATION HALL
 PLEASE TICK THE CORRECT ANSWER (2 MARKS EACH)

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
1	Which organization is responsible for coordinating relief efforts during natural disasters in India?	A. NDRF	B. WHO	C. UNICEF	D. UNESCO
2	What is the primary cause of industrial accidents in India?	A. Electrical faults	B. Human error	C. Chemical reactions	D. Natural disasters
3	Which legislation mandates safety measures in hazardous industries in India?	A. Factories Act 1948	B. Mines Act 1952	C. Environment Protection Act 1986	D. Occupational Safety and Health Act 2007
4	What is the primary objective of conducting mock drills in industrial settings?	A. To test equipment functionality	B. To train employees	C. To assess response time	D. To evaluate emergency plans
5	Which type of fire extinguisher is suitable for Class C fires involving electrical equipment?	A. Water	B. Foam	C. Carbon Dioxide	D. Dry Chemical
6	Which agency is responsible for regulating safety in India's mining sector?	A. Ministry of Mines	B. Directorate General of Mines Safety	C. National Disaster Response Force	D. Indian Bureau of Standards
7	What is the role of the Environmental Impact Assessment (EIA) in industrial safety?	A. Identifying potential hazards	B. Mitigating environmental pollution	C. Ensuring compliance with regulations	D. Assessing health risks
8	Which disaster management phase involves rebuilding infrastructure after a disaster?	A. Preparedness	B. Response	C. Recovery	D. Mitigation
9	What is the primary function of the National Disaster Response Force (NDRF) in India?	A. Disaster preparedness	B. Search and rescue operations	C. Rehabilitation and reconstruction	D. Public awareness campaigns
10	Which type of fire extinguisher is suitable for combustible metal fires?	A. Water	B. Foam	C. Carbon Dioxide	D. Class D extinguisher
11	Which document outlines the roles and responsibilities of various stakeholders in disaster management in India?	A. Disaster Management Plan	B. National Disaster Management Framework	C. Emergency Response Plan	D. Disaster Risk Reduction Strategy
12	What is the minimum number of members in a workplace safety committee as per Indian regulations?	A. 5	B. 7	C. 9	D. 11
13	Which agency conducts safety audits in industrial facilities in India?	A. National Disaster Management Authority	B. Ministry of Labour and Employment	C. Bureau of Indian Standards	D. Directorate General of Factory Advice Service and Labour Institutes
14	What is the primary cause of deaths during floods in India?	A. Drowning	B. Infectious diseases	C. Trauma	D. Electrical accidents

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
15	What is the primary objective of the Hazard and Operability Study (HAZOP) in industrial safety?	A. Identifying potential hazards	B. Training employees	C. Evaluating emergency response plans	D. Assessing environmental impact
16	Which type of disaster is most common in hilly regions of India?	A. Landslide	B. Earthquake	C. Cyclone	D. Flood
17	What is the purpose of a Safety Data Sheet (SDS) in industrial settings?	A. Providing information on hazardous chemicals	B. Maintaining records of accidents	C. Conducting risk assessments	D. Identifying emergency exits
18	Which agency provides technical assistance to industries for disaster preparedness?	A. National Disaster Management Authority	B. National Institute of Disaster Management	C. Indian Council of Medical Research	D. Ministry of Environment, Forest and Climate Change
19	What is the primary function of the National Fire Service College in India?	A. Conducting research on fire safety	B. Training firefighting personnel	C. Enforcing fire safety regulations	D. Providing emergency medical services
20	Which type of disaster requires long-term planning for evacuation and shelter management?	A. Earthquake	B. Flood	C. Industrial accidents	D. Cyclone
21	What is the primary objective of the Industrial Safety and Health Management (ISHM) program in India?	A. Preventing accidents	B. Providing post-accident care	C. Conducting risk assessments	D. Ensuring compliance
22	Which type of disaster requires the establishment of mass casualty management facilities?	A. Epidemic	B. Earthquake	C. Flood	D. Fire
23	What is the role of the Crisis Management Team (CMT) in industrial safety?	A. Training employees	B. Managing emergencies	C. Conducting safety audits	D. Ensuring regulatory compliance
24	Which agency is responsible for setting standards for the safety of bridges and flyovers in India?	A. Bureau of Indian Standards	B. Ministry of Road Transport and Highways	C. Indian Roads Congress	D. Directorate General of Highways
25	What is the primary objective of the "Clean India Mission" campaign in India?	A. Disaster preparedness	B. Cleanliness and sanitation	C. Healthcare access	D. Environmental conservation

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UNIVERSITY OF MUMBAI'S
GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT
ENTRANCE EXAM QUESTION PAPER
COURSE: PGDDFISM

DATE: 05/07/2025

TIME: 11 am to 12 pm

MARKS: 50

MULTIPLE CHOICE QUESTION [2 MARKS EACH]

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25	Which agency provides training programs for disaster management in India?	A. UNDP	B. NDRF	C. WHO	D. World Bank

Q 20 Which of the following is a man-made disaster

2.00 Marks(Easy)

- A) Terrorism B) Major fire C) Pollution
D) All of the above
-

Q 21 Which of the following is a non-precipitation flood?

2.00 Marks(Easy)

- A) Coastal flood B) Cloud burst flood C) Flash flood
D) None of the above
-

Q 22 Which of the following volcanoes is known for its most destructive volcanic eruption in recorded history

2.00 Marks(Easy)

- A) Mount Kilimanjaro B) Mauna Loa C) Krakatoa
D) Mount St Helens
-

Q 23 Which one of the following is a geological disaster?

2.00 Marks(Easy)

- A) Tsunami B) Storm surge C) Flood
D) Wild fire
-

Q 24 Who is known as the father of modern seismology

2.00 Marks(Easy)

- A) Charles Richter B) R.D. Oldham C) W.M. Davis
D) None of the above.
-

Q 25 Zika virus is related to which of the following diseases

2.00 Marks(Easy)

- A) Dengue B) Yellow fever C) Japanese encephalitis
D) All of the above
-

Q 6. International Tsunami information centre is in 2.00 Marks(Easy)
A) Honolulu B) Goa C) Jakarta
D) Puducherry

Q 7. The Bhopal Gas disaster occurred in 2.00 Marks(Easy)
A) 1986 B) 2003 C) 1984
D) 2009

Q 8. The Disaster Management Act was made in a. 2.00 Marks(Easy)
A) 2006 B) 2003 C) 2005
D) 2009

Q 9. The level of risk of a disaster depends on 2.00 Marks(Easy)
A) Nature of the hazard B) Vulnerability of the elements C) Economic value of the elements
which are affected which are affected
D) All of the above

Q 10 The Richter scale expresses an earthquakes 2.00 Marks(Easy)
A) Magnitude B) Location C) Duration
D) Depth

Q 11 The State Disaster Management Authority is headed by 2.00 Marks(Easy)
A) Governor B) Chief minister C) Chief Secretary of the State
D) None of the above

Q 12 The terrorist attack in Mumbai took place on 2.00 Marks(Easy)
A) 2005 B) 2006 C) 2007
D) 2008

Q 13 The two atom bombs dropped in Hiroshima and Nagashaki in Japan by USA during 2.00 Marks(Easy)
A) World war I B) World war II C) Gulf war I
D) Gulf war II

Q 14 The word Tsunami has been derived from 2.00 Marks(Easy)
A) French word B) Latin word C) Japanese word
D) Greek word

Q 15 Tsunami's can occur only during 2.00 Marks(Easy)
A) Evening B) Afternoon C) Any time of the day or night
D) Morning

Q 16 United Nations disaster management team are responsible for solving problems 2.00 Marks(Easy)
resulting from disaster in
A) Asia B) Africa C) Australia
D) All continents

Q 17 What is Lahars ? 2.00 Marks(Easy)
A) Magma B) Lava C) Volcanic mud flow
D) None of the above

Q 18 Which of the following buildings of Tripura are identified as vulnerable to earthquake 2.00 Marks(Easy)
A) MBB College B) Nir Mahal C) Ujjayanta Palace
D) All of the above

Q 19 Which of the following diseases appeared as public health concern in the last quarter 2.00 Marks(Easy)
of 20th century
A) HIV B) Ebola virus C) Escherichia coli O157:H7
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Q 20 Which of the following is a man-made disaster

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D) Puducherry

Q 7. The Bhopal Gas disaster occurred in 2.00 Marks(Easy)
A) 1986 B) 2003 C) 1984
D) 2009

Q 8. The Disaster Management Act was made in a. 2.00 Marks(Easy)
A) 2006 B) 2003 C) 2005
D) 2009

Q 9. The level of risk of a disaster depends on 2.00 Marks(Easy)
A) Nature of the hazard B) Vulnerability of the elements C) Economic value of the elements
which are affected which are affected
D) All of the above

Q 10 The Richter scale expresses an earthquakes 2.00 Marks(Easy)
A) Magnitude B) Location C) Duration
D) Depth

Q 11 The State Disaster Management Authority is headed by 2.00 Marks(Easy)
A) Governor B) Chief minister C) Chief Secretary of the State
D) None of the above

Q 12 The terrorist attack in Mumbai took place on 2.00 Marks(Easy)
A) 2005 B) 2006 C) 2007
D) 2008

Q 13 The two atom bombs dropped in Hiroshima and Nagashaki in Japan by USA during 2.00 Marks(Easy)

- A) World war I B) World war II C) Gulf war I
D) Gulf war II
-

Q 14 The word Tsunami has been derived from 2.00 Marks(Easy)

- A) French word B) Latin word C) Japanese word
D) Greek word
-

Q 15 Tsunami's can occur only during 2.00 Marks(Easy)

- A) Evening B) Afternoon C) Any time of the day or night
D) Morning
-

Q 16 United Nations disaster management team are responsible for solving problems resulting from disaster in 2.00 Marks(Easy)

- A) Asia B) Africa C) Australia
D) All continents
-

Q 17 What is Lahars ? 2.00 Marks(Easy)

- A) Magma B) Lava C) Volcanic mud flow
D) None of the above
-

Q 18 Which of the following buildings of Tripura are identified as vulnerable to earthquake 2.00 Marks(Easy)

- A) MBB College B) Nir Mahal C) Ujjayanta Palace
D) All of the above
-

Q 19 Which of the following diseases appeared as public health concern in the last quarter of 20th century 2.00 Marks(Easy)

- A) HIV B) Ebola virus C) Escherichia coli O157:H7
D) All of the above
-

Q 20 Which of the following is a man-made disaster

2.00 Marks(Easy)

- A) Terrorism B) Major fire C) Pollution
D) All of the above
-

Q 21 Which of the following is a non-precipitation flood?

2.00 Marks(Easy)

- A) Coastal flood B) Cloud burst flood C) Flash flood
D) None of the above
-

Q 22 Which of the following volcanoes is known for its most destructive volcanic eruption in recorded history

2.00 Marks(Easy)

- A) Mount Kilimanjaro B) Mauna Loa C) Krakatoa
D) Mount St Helens
-

Q 23 Which one of the following is a geological disaster?

2.00 Marks(Easy)

- A) Tsunami B) Storm surge C) Flood
D) Wild fire
-

Q 24 Who is known as the father of modern seismology

2.00 Marks(Easy)

- A) Charles Richter B) R.D. Oldham C) W.M. Davis
D) None of the above.
-

Q 25 Zika virus is related to which of the following diseases

2.00 Marks(Easy)

- A) Dengue B) Yellow fever C) Japanese encephalitis
D) All of the above
-

UNIVERSITY OF MUMBAI'S
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MASTER IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
POST GRADUATE DIPLOMA IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
ENTRANCE EXAMINATION

DATE: 18/5/24

TIME: 11 AM TO 12 NOON

MARKS: 50

NOTE DO NOT CARRY MOBILE / DIGITAL WATCH IN THE EXAMINATION HALL
 PLEASE TICK THE CORRECT ANSWER (2 MARKS EACH)

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
1	Which organization is responsible for coordinating relief efforts during natural disasters in India?	A. NDRF	B. WHO	C. UNICEF	D. UNESCO
2	What is the primary cause of industrial accidents in India?	A. Electrical faults	B. Human error	C. Chemical reactions	D. Natural disasters
3	Which legislation mandates safety measures in hazardous industries in India?	A. Factories Act 1948	B. Mines Act 1952	C. Environment Protection Act 1986	D. Occupational Safety and Health Act 2007
4	What is the primary objective of conducting mock drills in industrial settings?	A. To test equipment functionality	B. To train employees	C. To assess response time	D. To evaluate emergency plans
5	Which type of fire extinguisher is suitable for Class C fires involving electrical equipment?	A. Water	B. Foam	C. Carbon Dioxide	D. Dry Chemical
6	Which agency is responsible for regulating safety in India's mining sector?	A. Ministry of Mines	B. Directorate General of Mines Safety	C. National Disaster Response Force	D. Indian Bureau of Standards
7	What is the role of the Environmental Impact Assessment (EIA) in industrial safety?	A. Identifying potential hazards	B. Mitigating environmental pollution	C. Ensuring compliance with regulations	D. Assessing health risks
8	Which disaster management phase involves rebuilding infrastructure after a disaster?	A. Preparedness	B. Response	C. Recovery	D. Mitigation
9	What is the primary function of the National Disaster Response Force (NDRF) in India?	A. Disaster preparedness	B. Search and rescue operations	C. Rehabilitation and reconstruction	D. Public awareness campaigns
10	Which type of fire extinguisher is suitable for combustible metal fires?	A. Water	B. Foam	C. Carbon Dioxide	D. Class D extinguisher
11	Which document outlines the roles and responsibilities of various stakeholders in disaster management in India?	A. Disaster Management Plan	B. National Disaster Management Framework	C. Emergency Response Plan	D. Disaster Risk Reduction Strategy
12	What is the minimum number of members in a workplace safety committee as per Indian regulations?	A. 5	B. 7	C. 9	D. 11
13	Which agency conducts safety audits in industrial facilities in India?	A. National Disaster Management Authority	B. Ministry of Labour and Employment	C. Bureau of Indian Standards	D. Directorate General of Factory Advice Service and Labour Institutes
14	What is the primary cause of deaths during floods in India?	A. Drowning	B. Infectious diseases	C. Trauma	D. Electrical accidents

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
15	What is the primary objective of the Hazard and Operability Study (HAZOP) in industrial safety?	A. Identifying potential hazards	B. Training employees	C. Evaluating emergency response plans	D. Assessing environmental impact
16	Which type of disaster is most common in hilly regions of India?	A. Landslide	B. Earthquake	C. Cyclone	D. Flood
17	What is the purpose of a Safety Data Sheet (SDS) in industrial settings?	A. Providing information on hazardous chemicals	B. Maintaining records of accidents	C. Conducting risk assessments	D. Identifying emergency exits
18	Which agency provides technical assistance to industries for disaster preparedness?	A. National Disaster Management Authority	B. National Institute of Disaster Management	C. Indian Council of Medical Research	D. Ministry of Environment, Forest and Climate Change
19	What is the primary function of the National Fire Service College in India?	A. Conducting research on fire safety	B. Training firefighting personnel	C. Enforcing fire safety regulations	D. Providing emergency medical services
20	Which type of disaster requires long-term planning for evacuation and shelter management?	A. Earthquake	B. Flood	C. Industrial accidents	D. Cyclone
21	What is the primary objective of the Industrial Safety and Health Management (ISHM) program in India?	A. Preventing accidents	B. Providing post-accident care	C. Conducting risk assessments	D. Ensuring compliance
22	Which type of disaster requires the establishment of mass casualty management facilities?	A. Epidemic	B. Earthquake	C. Flood	D. Fire
23	What is the role of the Crisis Management Team (CMT) in industrial safety?	A. Training employees	B. Managing emergencies	C. Conducting safety audits	D. Ensuring regulatory compliance
24	Which agency is responsible for setting standards for the safety of bridges and flyovers in India?	A. Bureau of Indian Standards	B. Ministry of Road Transport and Highways	C. Indian Roads Congress	D. Directorate General of Highways
25	What is the primary objective of the "Clean India Mission" campaign in India?	A. Disaster preparedness	B. Cleanliness and sanitation	C. Healthcare access	D. Environmental conservation

ROLL
NO. _____

SUPERVISORS SIGN : _____

**UNIVERSITY OF MUMBAI'S
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
MASTER IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
POST GRADUATE DIPLOMA IN DISASTER, FIRE AND INDUSTRIAL SAFETY MANAGEMENT
ENTRANCE EXAMINATION**

DATE : 06-Apr-24

TIME : 11 AM TO 12 NOON

NOTE DO NOT CARRY MOBILE / DIGITAL WATCH IN THE EXAMINATION HALL

MARKS : 50

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
1	Which organization is responsible for disaster management in India?	A. NDRF	B. WHO	C. UNICEF	D. UNESCO
2	What is the emergency contact number in India for reporting disasters?	A. 112	B. 911	C. 999	D. 100
3	Which gas is commonly associated with industrial accidents in India?	A. Methane	B. Carbon Dioxide	C. Hydrogen Sulfide	D. Oxygen
4	What is the primary cause of industrial fires in India?	A. Electrical faults	B. Human error	C. Chemical reactions	D. Natural disasters
5	Which legislation governs fire safety in India?	A. Fire Safety Act 1996	B. Fire Protection and Prevention Act 1986	C. National Building Code 2016	D. Occupational Safety and Health
6	Which type of fire extinguisher is suitable for electrical fires?	A. Water	B. Foam	C. Carbon Dioxide	D. Powder
7	What is the main purpose of an Emergency Response Plan (ERP) in industrial safety?	A. To prevent accidents	B. To mitigate the consequences of accidents	C. To ensure compliance with regulations	D. To educate employees
8	Which agency formulates and enforces safety standards in Indian industries?	A. Ministry of Environment and Forests	B. Bureau of Indian Standards	C. Ministry of Labour and Employment	D. National Disaster Management
9	What is the first step in managing a chemical spill in an industrial setting?	A. Containment	B. Evacuation	C. Informing authorities	D. Assessing the risk
10	Which type of disaster is most prevalent in coastal areas of India?	A. Earthquake	B. Cyclone	C. Flood	D. Landslide
11	What is the role of the Central Industrial Security Force (CISF) in industrial safety?	A. Enforcing labor laws	B. Providing firefighting services	C. Conducting safety inspections	D. Protecting industrial
12	Which of the following is NOT a factor contributing to industrial accidents in India?	A. Lack of safety training	B. Poor maintenance	C. Strict regulatory enforcement	D. Human error
13	What is the most common cause of workplace accidents in India?	A. Falls	B. Chemical exposure	C. Machinery accidents	D. Electrical hazards

SR. NO	QUESTION TEXT	OPTION 1	OPTION 2	OPTION 3	OPTION 4
14	Which agency is responsible for coordinating disaster response efforts at the national level in India?	A. Ministry of Home Affairs	B. National Disaster Response Force	C. Indian Red Cross Society	D. Indian Army
15	What is the minimum distance required between a chemical plant and residential areas according to Indian regulations?	A. 100 meters	B. 500 meters	C. 1 kilometer	D. 2 kilometers
16	Which type of fire extinguisher is suitable for flammable liquid fires?	A. Water	B. Foam	C. Carbon Dioxide	D. Dry Chemical
17	What is the primary function of the District Disaster Management Authority (DDMA) in India?	A. Post-disaster relief	B. Disaster preparedness	C. Risk assessment	D. Awareness campaigns
18	Which agency is responsible for setting standards for occupational health and safety in India?	A. Ministry of Health and Family Welfare	B. Directorate General of Mines Safety	C. Occupational Safety and Health	D. National Safety Council
19	What is the main objective of the National Disaster Management Authority (NDMA) in India?	A. Response and relief	B. Mitigation and prevention	C. Preparedness and capacity building	D. Recovery and rehabilitation
20	What is the primary cause of deaths in industrial accidents in India?	A. Burns	B. Suffocation	C. Falls	D. Electric shocks
21	Which type of disaster requires the longest-term recovery efforts in India?	A. Earthquake	B. Flood	C. Industrial accidents	D. Cyclone
22	What is the primary responsibility of the Fire Service in India?	A. Enforcing fire safety regulations	B. Providing medical aid	C. Conducting rescue operations	D. Educating the public
23	Which document outlines the framework for disaster management in India?	A. National Emergency Response Plan	B. Disaster Management Act 2005	C. National Disaster Management Policy	D. National Disaster Management
24	What is the role of the State Disaster Response Force (SDRF) in India?	A. Conducting post-disaster assessments	B. Providing immediate response	C. Coordinating relief efforts	D. Offering long-term support
25	Which agency provides training programs for disaster management in India?	A. UNDP	B. NDRF	C. WHO	D. World Bank

48.

**UNIVERSITY OF MUMBAI'S
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G. DIPLOMA IN DISASTER, FIRE & INDUSTRIAL SAFETY MANAGEMENT
(PGDDFIŚM)
ENTRANCE EXAMINATION**

DATE : 18-JUN-17

TIME : 11.00 AM TO 12.00 NOON

MARKS : 50

- NOTE:**
- DO NOT CARRY MOBILE IN THE EXAMINATION HALL.
 - READ THE FOLLOWING QUESTIONS AND PUT A TICK ON THE APPROPRIATE ANSWERS GIVEN THERE BELOW
 - NO OVERWRITING IS ALLOWED
 - EACH QUESTION CARRIES ONE MARK

- Q.1] What is meant by disaster?
- A) Any eventful incidence or event ()
 - B) Any event that causes damage to life/property ()
 - C) Any natural event without causing damage ()
 - D) Only unexpected manmade event ()
- Q.2] Which is the emergency helpline number of Disaster Management in Mumbai?
- A) 196 ()
 - B) 108 ()
 - C) 169 ()
 - D) 1916 ()
- Q.3] Which is the emergency helpline No. outside Mumbai?
- A) 1916 ()
 - B) 196 ()
 - C) 169 ()
 - D) 1077 ()
- Q.4] Which type of disaster can occur in Mumbai?
- A) Earthquake ()
 - B) Terror Attack ()
 - C) Floods ()
 - D) All of the above ()
- Q.5] In Mumbai's 24 administrative wards in how many wards Disaster Control Units are set up?
- A) 11 ()
 - B) 20 ()
 - C) 18 ()
 - D) All ()

- Q.6] Mumbai falls under which seismic Zone for earthquake?
- A) II
 - B) V
 - C) III
 - D) IV
- Q.7] A major fault line runs near Mumbai from
- A) Panvel
 - B) Borivali
 - C) Nashik
 - D) Pune
- Q.8] Which of the following factors responsible for fire?
- A) Fuel + Heat + O₂
 - B) O₂ + Heat
 - C) Fuel + O₂
 - D) Fuel + Heat
- Q.9] Why Disaster Management is needed?
- A) To save life
 - B) To minimize damage
 - C) To bring normalcy
 - D) All of the above
- Q.10] Which colour band is tied to a dead person?
- A) Red
 - B) Black
 - C) Yellow
 - D) Green
- Q.11] During disaster to whom the treatment is provided first according to colour coding system?
- A) Red
 - B) Green
 - C) Black
 - D) Yellow
- Q.12] ABC type of fire extinguishers is used for which categories of fire?
- A) Only paper & wood
 - B) Only paints, oil, chemicals
 - C) Only L.P.G., Acetylene, H₂, CH₄
 - D) All of the above

- Q.13] Method/s of fire extinction is / are
- A) Starvation ()
 - B) Cooling ()
 - C) Smothering ()
 - D) All of the above ()
- Q.14] Which of the following is the right preference for disaster cycle?
- A) Preparedness → Impact → Relief → Recovery → Rehabilitation ()
 - B) Prevention → Mitigation → Preparedness → Impact ()
 - C) Rehabilitation → Prevention → Relief → Recovery ()
 - D) Prevention → Mitigation → Preparedness → Impact → Relief → Rehabilitation ()
- Q.15] What will be the correct step to help a victim suffering from fracture?
- A) Dressing ()
 - B) Immobilisation ()
 - C) Lifting ()
 - D) Exercises ()
- Q.16] What should be the first response when a burning person running towards you?
- A) Run away from him ()
 - B) Ask him to stop, drop & Roll ()
 - C) Covering him with blanket ()
 - D) Pouring water ()
 - E) B, C & D ()
- Q.17] In which year Disaster Management Act of India came into existence?
- A) 1993 ()
 - B) 1999 ()
 - C) 2005 ()
 - D) 2011 ()
- Q.18] During emergency who is the incharge of the situation in Mumbai?
- A) Mayor ()
 - B) Chief of Disaster Control Unit ()
 - C) CM ()
 - D) Municipal Commissioner ()
- Q.19] When did terror attack take place on Mumbai?
- A) 26th Nov., 2008 ()
 - B) 25th Dec., 2006 ()
 - C) 1st Jan., 2009 ()
 - D) 26th July, 2005 ()

Q.20] When did serial train bomb blast take place in Mumbai?

- A) 11th July, 2006
- B) 5th Sept., 2011
- C) 27th Aug., 2005
- D) 26th Nov., 2008

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Q.21] What will you do as a first responder immediately after disaster?

- A) Get panic, spread rumours, believe in rumours
- B) Run or walk fast, don't get panic
- C) Don't get panic, be calm, don't not believe in rumours
- D) None of the above

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Q.22] To float on water during flood what of the following can be used?

- A) Tire Tube
- B) Water cans or bottles
- C) Wooden Board
- D) All of the Above

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Answer in one or two sentences:-

Q.23] What is the objective of Sendai Agreement?

Q.24] What was the disaster 9/11 in the U.S.A.?

Q.25] What is the full form of GPS?

Q.26] Why the cyclones are given names?

Q.27] What were the two main causes due to which Mumbai flooded on 26th July, 2005?

Q.28]

What is the purpose of First-Aid?

Q.29]

What will you do to stop external bleeding?

Q.30]

How will you extinguish fire?

Q.31]

Due to landslide which village was disappeared in Pune district recently?

Q.32]

In case of superficial burns, preferably which water is to be poured – Cold / Hot / Normal?

Q.33]

If a person is having fits, what will you do?

Q.34]

Hyogo Framework – Agreement was signed in which country?

Q.35]

Name at least two knots you will use to rescue people.

Q.36]

Name any two carrying methods while helping injured person.

- Q.37] If the fire breaks out in your kitchen what the first thing you will do?

- Q.38] The severe Gas leakage tragedy took place in which place in India

- Q.39] A flood disaster took place at which religious place in Uttarakhand?

- Q.40] In recent years at Kumbhamela, Allahabad people died due to which disaster?

- Q.41] Mithi river originates from where and merges into sea at which place?

- Q.42] Name the rivers (in the past) in Mumbai

- Q.43] Name at least two local railway stations where Bomb blasts took place in Mumbai in 2006.

- Q.44] What are the various occasions on which disaster may take place in Mumbai?

- Q.45] The Main Disaster Control Unit of MCGM is situated at which place?

Q.46] What type of disaster you have handled?

Q.47] In Mumbai where the Doppler Radar is fixed?

Q.48] In Maharashtra NDRF centre is situated at which place?

Q.49] Have you undergone any type of training to handle disaster? If yes, mention it.

Q.50] Write the full form of NDMA.
