



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Master of Science in Advanced Networking & Cyber Security

Course Name – Disaster Management

Course Code - ENV401

(Semester IV)

Time allotted : 1 Hrs.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following :

- (1) National Institute of Disaster Management was inaugurated on
 - a) September 23, 2002
 - b) August 14, 2001
 - c) October 16, 2003
 - d) August 14, 2004
- (2) When the situation of hazard arises?
 - a) When there is the threat of natural calamity
 - b) When there is a threat to the consequences of the disaster
 - c) When there is a threat to property and lives from calamities
 - d) All of the above
- (3) Seismic waves cause disaster named as
 - a) Nino
 - b) Typhoon
 - c) Tsunami
 - d) Hurricane
- (4) Rolling effect along the earth's surface affect produces a wave of an earthquake?
 - a) L wave
 - b) P wave
 - c) S wave
 - d) None of the above
- (5) Where International Tsunami information center is located?
 - a) Honolulu
 - b) Hyderabad
 - c) Cape Town
 - d) Pondicherry
- (6) National Disaster Management authority comes under which ministry in India?
 - a) Ministry of Pollution
 - b) Ministry of Environment
 - c) Ministry of Home Affairs
 - d) Ministry of Foreign Affairs
- (7) In which of the following countries, hurricanes are common?

- a) India
c) Australia
- b) Sri Lanka
d) USA
- (8) Tsunami word is derived from which language.
a) Greek word
c) French word
- b) Indian word
d) Japanese word
- (9) Find the following common factors of wildfire hazards.
a) Volcanic eruption
c) Volcanic Lightning and thundering
- b) El-Nino
d) All of the above
- (10) The two atom bombs in World War II has been dropped on which of the following:
a) Hiroshima and Nagasaki in Japan
c) Italy
- b) Germany
d) Great Britain
- (11) In which year, a terrorist attack was made on the twin tower of the world trade center in the USA
a) 1999
c) 2001
- b) 2008
d) 2005
- (12) In which direction the wind of the tropical cyclone blows in the northern hemisphere.
a) Straight forward
c) Clockwise direction
- b) Anticlockwise direction
d) In any direction
- (13) According to the Indian Meteorological Department (IMD), the wind blows at which speed called a storm as 'Super cyclone'?
a) Above 200 km
c) Above 220 km
- b) Above 110 km
d) None of the above
- (14) Flow of volcanic mud is called as?
a) Magma
c) Lava
- b) Lahars
d) None of the above
- (15) India's total flood-prone area is up to.....
a) 30%
c) 12%
- b) 20%
d) 10%
- (16) Zika virus is spread by which of the following:-
a) Pig
c) Mosquito
- b) Fly
d) Rat
- (17) Select the correct full form of ISDR?
a) International Sustainable Development Report
c) International Significant Disaster Resources
- b) International Strategy for Disaster Reduction
d) Intergovernmental Strategy for developing Recreation
- (18) Which kind of wave/ waves caused by the gravitational interaction between the Sun, Moon and the Earth?
a) Tsunami
c) Both
- b) Tidal waves
d) None of the above
- (19) Who among these govern/ head the National Crisis Management Committee?
a) Cabinet Secretary
c) Prime Minister
- b) Ministry of Home Affairs
d) Ministry of Environment

- a) Lava
c) Lahars
- b) Magma
d) None of these
- (33) Cyclones occurring in North Atlantic ocean are called
a) Typhoon
c) Tornado
- b) Hurricanes
d) None of the above
- (34) Generally the number on Richter Scale ranges between –
a) 0 and 6
c) 1 to 5
- b) 0 and 9
d) 1 to 12
- (35) United Nations disaster management team are responsible for solving problems resulting from disaster in
a) Asia
c) Australia
- b) Africa
d) All continents
- (36) The Disaster Management Act was made in
a) 2006
c) 2005
- b) 2003
d) 2009
- (37) Effective hazard management largely rely on
a) Govt. agencies
c) Pre-disaster planning
- b) Emergency responses
d) Volcanoes
- (38) Which of the following is not an atmospheric hazard
a) Epidemic in human
c) Heavy rainfall
- b) Hail
d) Hurricanes.
- (39) The level of risk of a disaster depends on
a) Nature of the hazard
c) Economic value of the elements which are affected
- b) Vulnerability of the elements which are affected
d) All of the above
- (40) The Richter scale expresses an earthquakes
a) Magnitude
c) Duration
- b) Location
d) Depth
- (41) Floods can be prevented by
a) Afforestation
c) Tilling the land
- b) Cutting the forest
d) Removing the top soil.
- (42) High vulnerability and high hazard are associated with
a) Low disaster risk
c) high disaster risk
- b) medium disaster risk
d) None of the above
- (43) Which of the following organization is the apex authority of disaster management in India?
a) NDA
c) CDMA
- b) NDMA
d) INDR
- (44) Which of the following is not a component of disaster management cycle?
a) Preparedness
c) Construction
- b) Response
d) Recovery
- (45) The instrument which records earthquake wave is called

- a) Climograph
c) Hythergraph
- b) Seismograph
d) None of the above
- (46) The name of the largest active volcano in the world is
- a) Mauna Lao in Hawaii
c) Mount Kilimanjaro in Tanzania
- b) Mount Fuji in Japan
d) None of the above
- (47) Which of the following is known as the light house of the Mediterranean sea?
- a) Vesuvius
c) Krakatoa
- b) Stromboli
d) Popa
- (48) The Chernobyl disaster of 1986 in Ukraine was a case of
- a) Epidemic disaster
c) Nuclear disaster
- b) Toxic gas disaster
d) None of the above
- (49) In India, Cyclone is tracked through which satellite?
- a) INSAT
c) Ocean SAT
- b) IRS
d) None of the above
- (50) Intensity of an earthquake is measured by
- a) Modified Mercalli scale
c) Seismograph
- b) Richter scale
d) None of the above
- (51) Tuberculosis generally affects
- a) Kidney
c) Lungs
- b) Stomach
d) Skin
- (52) Tropical cyclones rarely develop within 50 of the equator because Coriolis effect is
- a) weakest there
c) Strongest there
- b) moderate there
d) None of the above
- (53) Indian Meteorological Department (IMD) calls a storm 'Super cyclone' when the wind blows
- a) More than 120 km /hour
c) More than 220km/ hour
- b) More than 100km/hour
d) None of the above
- (54) Which is the only active volcano in India?
- a) Volcano Popa
c) Volcano Etna
- b) Volcano of Barren Island
d) None of the above
- (55) The highest volcanic mountain in the world is
- a) Mauna Lao
c) Vesuvius
- b) Cotopaxi
d) None of the above
- (56) Ultimate consequences of war are
- a) Decline in human population
c) Rise in refugees
- b) Outbreak of diseases and epidemics
d) All of the above
- (57) The terrorist attack in Mumbai took place on
- a) 2005
c) 2007
- b) 2006
d) 2008
- (58) The total cyclone prone area in India is
- a) 15%
c) 8%
- b) 10%
d) 20%
- (59) In disaster management, mitigation measures involves

a) Governmental action and administration

c) Military action and administration

(60) The mount Vesuvius is the example of a/an

a) Active volcano

c) Extinct volcano

b) Community action and administration

d) None of the above

b) Dormant volcano

d) None of the above