



BRAINWARE UNIVERSITY

Term End Examination 2020 - 21

Programme – Bachelor of Arts (Honours) in Multimedia & Web Development

Course Name – Disaster Management

Course Code - ENV501

Semester / Year - Semester V

Time allotted : 85 Minutes

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 70=70

1. (Answer any Seventy)

(i) A/an _____ is the result of a sudden release of energy in the earth's crust that creates seismic waves.

- | | |
|---------------|------------------|
| a) Earthquake | b) Landslide |
| c) Avalanches | d) None of these |

(ii) The term "Tsunami" means _____.

- | | |
|----------------|---------------|
| a) Sea wave | b) Snowfall |
| c) Harbor wave | d) Areal wave |

(iii) The term 'Tsunami' is derived from which of the given languages?

- | | |
|-----------|-------------|
| a) Arabic | b) Chinese |
| c) French | d) Japanese |

(iv) The word 'Disaster' has a similarity with an Old Italian word. Identify the correct word from the options.

- | | |
|-------------|-------------|
| a) Desaster | b) Dusstar |
| c) Disastro | d) Disester |

(v) A tornado is -

- | | |
|--|---|
| a) A tornado is a violently rotating column of air | b) A tornado is often referred to as twisters or cyclones, although the word cyclone is |
|--|---|

- a) Earthquakes
- b) Volcanic eruptions
- c) Underwater landslides
- d) All of these

(xii) What does Tsunami mean in Japanese?

- a) Severe earthquake
- b) Huge winds
- c) Harbor waves
- d) Terrible storm

(xiii) MIC gas in the year 1984 was released during _____.

- a) Mumbai attack
- b) Bhopal gas Tragedy
- c) Goa Incident
- d) None of these

(xiv) A geophysicist who studies earthquakes and the mechanical characteristics of the earth is called:

- a) Seismologist
- b) Geologist
- c) Geographer
- d) Archaeologist

(xv) What causes a Tsunami?

- a) Sudden vertical movement of the seabed.
- b) Convergence of the plates on the ocean floor.
- c) Explosive volcanic eruptions under the sea.
- d) All of these

(xvi) The term disaster is derived from which following language?

- a) Indian
- b) Arabic
- c) Japanese
- d) Middle French 'desastre' and that from old Italian 'disastro'

(xvii) Which of the following is a natural disaster?

- a) Earthquake
- b) Cyclone
- c) Landslide
- d) All of these

(xviii) Powerful Tsunamis are caused by:

- a) Volcanic Eruptions
- b) Cyclones
- c) Tornadoes
- d) Earthquakes

(xix) Landslides occur due to:

- a) Intensity of rainfall.
- b) Steep slopes
- c) Deforestation
- d) All of these

(xx) The most effective way to put out an LPG fire is to cut off the _____ to the flame.

- a) Climate
- b) Switches
- c) Supply of gas
- d) Trees

(xxi) Seismograph is an instrument used for:

- a) Measuring rainfall.
- b) Measuring temperature
- c) Recording the earthquake shocks.
- d) Measuring pressure.

(xxii) Which of the following is not a natural disaster?

- a) Nuclear explosion
- b) Forest fire
- c) Deforestation
- d) Lightning

(xxiii) Campus shootings are relevant in USA due to:

- a) Lenient gun laws
- b) Psychological Imbalance
- c) Drug/alcohol abuse in youngsters.
- d) All of these

(xxiv) Earthquake prediction can be done by detecting the presence of which of the following gas?

- a) Xenon
- b) Krypton
- c) Radon
- d) Helium

(xxv) Traditional methods of Flood Risk Management consists of:

- a) Terrace farming
- b) circumstances
- c) Dams
- d) Options terrace farming & dams both

(xxvi) Which of the following is a cause flood?

- a) Prolonged heavy rainfall.
- b) Highly accelerated snowfall
- c) Serene Winds over water.
- d) All of these

(xxvii) What is a amphan?

- a) flood
- b) cyclone
- c) earthquake
- d) None of these

(xxviii) Earthquakes can be predicted by:

- a) Animal behavior
- b) Risk in temperature in the atmosphere.
- c) Long-range/Medium-range Prediction
- d) All of these

(xxix) Disasters which give rise to another form of disaster:

- a) Jet Disaster
- b) Cad Disaster
- c) Complex Disaster
- d) Casual Disaster

(xxx) Which of the following is an active volcano?

- a) Mt. Stromboli, Italy.
- b) Mt. Vesuvius.
- c) Mt. Kea, Hawaii.
- d) All of these

(xxxii) Extremely Severe Cyclonic Storm(s) _____ was/were the strongest tropical cyclone to strike the Indian state of Odisha since the 1999 Odisha cyclone.

- a) Fani
- b) Vayu
- c) Mango
- d) All of these

(xxxiii) Which of the following is an effect of disaster?

- a) Death
- b) Loss of income.

- c) Breakdown of infrastructure
- d) All of these

(xxxiii) One of the worst earthquakes in India are:

- a) Gujarat Earthquake
- b) Uttarakhand Earthquake
- c) Nepal Earthquake
- d) Kashmir Earthquake

(xxxiv) The Indian Tsunami Early Warning Centre (ITEWC) established at Indian national Centre for Ocean Information Sciences is located at:

- a) Chennai
- b) Goa
- c) Kochi
- d) Hyderabad

(xxxv) Due to unusually high rainfall during the monsoon season the worst flood in Kerala occurred and over 483 people died. This Kerala Flood occurred in which year?

- a) 2017
- b) 2018
- c) 2016
- d) None of these

(xxxvi) Which of the following is/are flood prevention and mitigation strategy?

- a) Construction of flood protection embankments
- b) Depopulating the flood plains.
- c) Afforestation.
- d) All of these

(xxxvii) Which of the following is not part of a natural disaster?

- a) Cyclone Amphan
- b) Bhuj Earthquakes
- c) Fees Payment
- d) Cyclone Fani

(xxxviii) Natural Disasters is/are-

- a) Orissa Cyclone (29.10.1971)
- b) 1978 Floods in North East India
- c) Both Orissa Cyclone (29.10.1971) & 1978 Floods in North East India
- d) Neither Orissa Cyclone (29.10.1971) nor 1978 Floods in North East India

(xxxix) Disaster causes

- a) Loss of life
- b) Loss of Property
- c) Disruption in the life of common people
- d) All of these

(xl) Which of the following is not a man-made disaster

- a) Leakage of Toxic waste
- b) Wars and Civil Strife
- c) Drought
- d) Environmental pollution

(xli) Generally the number on Richter Scale ranges between

- a) 0 and 6
- b) 0 and 9
- c) 1 to 5
- d) 1 to 12

(xlii) Volcanic Eruptions can lead to

- a) earthquakes
- b) floods
- c) volcanic eruptions and related disasters
- d) hurricanes

(xliii) Landslides occur due to

- a) Intensity of rainfall
- b) Steep slopes
- c) Deforestation leading to soil erosion
- d) All of these

(xliv) A person will do the following things after receiving a call of 'Bomb threat'

- a) He will listen closely and try to record the phone call
- b) Ask the caller to provide the information
- c) Listen carefully about any background sound
- d) All of these

(xlv) 'Cyclone' is derived from a Greek word _____.

- a) clone
- b) clown
- c) Cycle
- d) Cyclos

(xlvi) What is drought?

- a) No rainfall for a long continuous period
- b) Heavy rainfall for a long continuous period
- c) Moderate rainfall for a long continuous period
- d) None of these

(xlvii) Earthquakes that occur along faults are created when

- a) melted rock is erupted along the fault zone
- b) stress builds up until rocks break
- c) the earth shifts and moves along fracture
- d) both stress builds up until rocks break & the earth shifts and moves along fracture

(xlviii) Earthquakes occur most frequently at

- a) plate surface
- b) plate boundaries
- c) plate vacuum
- d) ocean beds

(xlix) Tremors that have occurred in Earth's crust are known as

- a) Volcanic Eruptions
- b) Cyclones
- c) Tornadoes
- d) Earthquakes

(l) Tsunami can occur during _____.

- a) Morning
- b) Noon
- c) Evening
- d) All of these

(li) International Tsunami Information Centre is in?

- a) USA
- b) Iran
- c) Jakarta
- d) Sri Lanka

(lii) Tsunamis are most commonly found in which ocean?

- a) Pacific Ocean
- b) Atlantic Ocean
- c) Arctic Ocean
- d) Indian Ocean

(lii) Natural Disaster example includes _____.

- a) Tsunami
- b) Flood
- c) Cyclone
- d) All of these

(liv) Campus shootings in a university hampers

- a) the economic activity
- b) educational activity
- c) judicial activity
- d) None of these

(lv) Attack on 'World Trade Centre' on September 11, 2001, is an example of

- a) Gaming
- b) Explosion
- c) Terrorist Incident
- d) Chemical Disaster

(lvi) Which of the following is a human made disaster?

- a) Bomb Threat
- b) Cyclones
- c) Floods
- d) Tsunamis

(lvii) Bombing on Hiroshima and Nagasaki are the example of

- a) Natural Disaster
- b) Man-made Disaster
- c) Chemical Disaster
- d) Man-made Disaster &. Chemical Disaster

(lviii) Chernobil Disaster happened in

- a) RUSSIA
- b) UKRAINE
- c) UK
- d) USA

(lix) In July 1991, Assam, 300 people were killed, heavy loss to roads and infrastructures occurred due to -

- a) tsunami
- b) heavy truck loads
- c) landslide
- d) cyclone Fani

(lx) Aftershocks of an earthquake can cause _____ damage to already

weakened structures.

- a) minimum
- b) Much greater
- c) maximum
- d) much lesser

(lxi) Secondary effects of earthquakes includes-

- a) fires
- b) landslides
- c) both fires and landslides
- d) none of these

(lxii) The effect of an earthquake is _____.

- a) diverse
- b) deep
- c) divide
- d) down

(lxiii) A large number of casualties occur in case of earthquake due to-

- a) poor engineering design of the buildings
- b) the solid design of buildings
- c) the good design of buildings
- d) the simple design of buildings

(lxiv) “Disease becomes a disaster when it spreads in an epidemic as a massive outbreak of an infectious agent.”

- a) The statement is true.
- b) The statement is false
- c) The statement is partially false
- d) The statement is incorrect

(lxv) _____ is an infectious disease caused by a newly discovered corona virus.

- a) CODE-10
- b) COVID-19
- c) COVD-11
- d) COLD-10

(lxvi) In the year 2020, _____ caused many human deaths in different parts of the world.

- a) cool virus disease
- b) coronavirus disease
- c) skin virus disease
- d) none of these

(lxvii) Most earthquakes occur along the edge of the _____.

- a) both oceanic and continental plates.
- b) oceanic plates.
- c) continental plates.
- d) none of these

(lxviii) What are aftershocks?

- a) Aftershocks are a sequence of earthquakes that happen after a larger mainshock on a fault.
- b) Aftershocks are a sequence of tsunamis that happen after a smaller mainshock on a fault.
- c) Aftershocks are plate flaws.
- d) None of these.

(lxix) What a tsunami can do?

- a) A tsunami can kill or injure people and damage or destroy buildings and infrastructure as waves come in and go out.
- b) A tsunami cannot do anything.
- c) A tsunami can kill or injure people only.
- d) None of these.

(lxx) What causes a landslide?

- a) Landslides are caused by disturbances in the natural stability of a slope.
- b) Landslides are caused by sheep.
- c) Landslides are caused by sand.
- d) none of these