



BRAINWARE UNIVERSITY

Term End Examination 2018 - 19

Programme – Master of Arts in Multimedia & Web Development

Course Name – Disaster Management

Course Code – MMW(ENV)301

(Semester – 3)

Time allotted: 3 Hours

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 Questions)

10 x 1 = 10

1. ***Choose the correct alternative from the following :***

- (i) 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
- (ii) 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
- (iii) Tsunami is:
 - a. Earthquake on land mass
 - b. Volcanic eruption
 - c. Earthquake in ocean crust
 - d. None of these
- (iv) Magnitude of earthquake indicates amount of
 - a. vibrations per second
 - b. vibrations per minute
 - c. oscillations
 - d. energy released
- (v) From where earth quake waves are generated?
 - a. Focus
 - b. Epicenter
 - c. Solid inner Core
 - d. None of these

- (vi) Tsunami can occur only during?
- Morning
 - Noon
 - Evening
 - Any time of day or nights
- (vii) The size of a flood is measured by:
- the rate of flow of water in a waterway or river
 - the level of water in a waterway or river
 - a river gauging station
 - all of the above.
- (viii) Which of the following can reduce the risk of flooding?
- zonings and building regulations for new developments
 - dams, detention basins and levees
 - flood awareness and education programs
 - all of the above.
- (ix) National Institute of Disaster management is located at?
- Pune
 - Midnapur
 - New Delhi
 - Calcutta
- (x) A flash flood is a flood that
- is caused by heavy rain rather than from the flooding of a river
 - occurs in urban areas
 - occurs suddenly and unexpectedly and for a short duration
 - is caused by the blocking of drains.

Group – B

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following

- List various types of disasters. 5
- What are the components of pre and post disaster actions? 5
- Write in details the method of extinguishment. 5
- What are the problems caused by floods? 5
- Sketch the triangle of fire. 5

Group – C

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following

7. (a) Write short notes:-
- (i) NEC
 - (ii) NDRF
 - (iii) SEC
8. Write in brief the philosophy and methodology of risk assessment. 5+5+5 15
9. Write note on earth quake emphasizing its characteristics and problems. 15
10. What are the vital components of capacity development in disaster management? 15
11. How fire disaster can be a man-made disaster? 15