

International Institute of Information Technology, Hyderabad
(Deemed to be University)

CES442 Disaster Management - Spring 2020

Mid-Semester Examination

26 February 2020, 04:00PM – 5:30PM

Max. Marks: 40

Part A ($1 \times 5 = 5$ Marks)

1. What are *structural* and *non-structural* disaster mitigation activities?
2. Name any 4 major authorities/organizations/agencies handling Disaster Management in India.
3. Give two examples of *Minimum Standards of Relief* to be given to disaster victims?
4. What is *land-zonation* with regard to flood and landslide disaster mitigation?
5. Why is *Psycho-social* care an important item, post-disaster?

Part B ($5 \times 3 = 15$ Marks)

6. Explain briefly the term *Capacity Building* in disaster Management. Suggest suitable *Capacity Building Initiatives* to address the *drought risk* that your town faces every year.
7. Differentiate the following with regard to disaster management with one suitable example each: (a) Response, (b) Relief, (c) Rehabilitate, (d) Retrofit, and (e) Reconstruct.
8. In view of 2013 Uttarakhand Flash Flood, explain *hazard*, *vulnerability* and *exposure*, and hence *disaster risk* of the region.

Part C (20 Marks)

9. Explain briefly about the major learning points pertaining to different components of disaster management cycle from 2001 Bhuj earthquake, 2011 Sikkim earthquake, 2010 Chile earthquake, and 2011 Great East Japan earthquake and Tsunami. Suggest suitable ways to help better manage such disasters in future.

Note: The comparison is expected to be with regard to components of DM cycle, and not based on the events in isolation. Pictorial illustrations would be given more credits.

...