**Part l**

In the event of an emergency, NIMS provides a standard framework for various agencies to follow. The NIMS pertains to all national organizations, including private, government, and non-governmental organizations, and it incorporates all types of emergencies, regardless of size or cause (Homeland security, 2013). The ICS offers both standard and flexible methods of incident management. The ICS collaborates with all organizations to ensure quick and efficient incident response and management. It makes sure that all necessary resources and equipment are integrated in every form of emergency incident (Homeland security, 2013).

NIMS and ICS are frequently used in incidents involving weapons of mass destruction, such as explosives and chemicals. As indicated in the Homeland Security Act, NIMs create the basis for responding to every emergency, as well as terrorist occurrences of mass devastation (Roser et al., 2019). The five aspects of NIMs assure that agencies are always prepared, maintain good resources and communication, effectively manage resources, with all the necessary management and maintenance in place (Homeland security, 2013).

Following the terrorist attacks of September 11th, 2001, the HAS-2002 directed the N.I.M.S' development, which is a uniform approach of administering all emergency operations at all levels of government, irrespective of difficulty or nature. Ever since, countries decided to implement N.I.Ms emergency response systems, and the relevant agencies have labored keenly to prepare and learn. Hospitals, fire, Police, and private enterprise are among these organizations (Homeland security, 2013).

**Part II**

**Table-top exercise incident involving a weapon of mass destruction**

|  |  |
| --- | --- |
| **Table Top Exercise** | |
| Type of incident | Explosive attack (explosives that have not exploded yet). |
| Agencies Involved | 1. Firefighting,  2. police,  3. Emergency medical  4. Emergency department |
| Location Of Incident | Town, greatest shopping mall around the city of Florida. |
| **Agencies Roles** | |
| Police | 1. Offer equipment, resources, and personnel.  2. Ensure the area’s safety.  3. Evacuate people.  4. Investigation for the Post-incident.  5. Confirm and ensure the area’s safety for public. |
| Emergency Medical | 1. Provide resources and medical personnel.  2. Ensure those that are affected are treated and taken to the hospital.  3. Prepared to offer any required first aid services. |
| Emergency  Department | 1. Provide extra personnel and resources.  2. Coordinates the operations to safeguard that everyone is evacuated, and located on safety, the injured are taken to hospital for treatment as well to the safe area to prevent further attacks or injuries.  3. Trace the location of explosives  4. Eliminate or remove explosives  5. Ensure explosives are destroyed |
| Firefighters | Firefighters stay alert for any case of fire outbreak. |
| Role of NIMS and ICS | Offer the smooth flow of events standard, procedure, as well as ensure that emergency  Management procedure is followed by agencies. |
| Procedure to follow | 1. Monitor the area’s safety.  2. Dispatch of sufficient personnel, Fire extinguishers, ambulances, and resources to the area of the scene.  3. Appropriate evacuation of people including removal of explosives by the competent personnel.  4. Explosives removal by the authorized personnel only.  5. Ensure that explosives destruction is done securely by qualified personnel.  6. Ensure that the area is safe for the public. |

How Interoperability and Resource Management Applied

Interoperability is employed to ensure that duties are effectively assigned and roles are fulfilled. It also pertains to successful internal and cross-location communication. All through the exercise, the procedures are closely monitored and coordinated to ensure that the necessary resources are available in a timely manner. To guarantee that all relevant resources are sent, used, and retrieved after an incident, management of resource is used to ensure that this is a success (Homeland security, 2013).

Why Table-Top Exercises are Important

* They ensure that any emergency occurrence, regardless of its magnitude or source, receives an effective and prompt reaction and management.
* They make sure that all of the relevant agencies are aware of their responsibilities, that they are prepared, and that they are carried out.
* They guarantee that events go smoothly.
* They eliminate the possibility of a conflict of interest.
* They make sure that resources are used properly.
* They make certain that the situation is handled properly at every stage, from the beginning to the end.

References

United States. Department Of Homeland Security. (2013). National Incident Management System : intelligence/investigations function, guidance and field operations guide. The Department.

Roser, M., Nagdy, M., & Ritchie, H. (2019). Terrorism. Our World in Data. https://ourworldindata.org/terrorism