Exam Domains

<table>
<thead>
<tr>
<th>Exam Domains</th>
<th>145 Items</th>
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<tr>
<td><strong>1. Emergency Management</strong></td>
<td>56 Items/39%</td>
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<tr>
<td>A. Healthcare Emergency Principles (30 Items/21%)</td>
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<tr>
<td>B. Emergency Preparedness Concepts (26 Items or 18%)</td>
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<tr>
<td><strong>2. National Disaster Preparedness</strong></td>
<td>51 Items/35%</td>
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<tr>
<td>A. National Response Framework (26 Items/18%)</td>
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<td>B. Disasters, Terrorism, &amp; Resilience (25 Items/17% Items)</td>
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<td><strong>3. Safety &amp; Environmental Standards</strong></td>
<td>38 Items/26%</td>
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<td>A. Safety/OSHA Requirements (20 Items/14%)</td>
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<tr>
<td>B. Consensus &amp; Voluntary Standards (18 Items/12%)</td>
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*IBFCSM uses KR-20 statistics to determine reliability.*

**Job Task & Practice Competencies**

- Collaborate with response entities, mutual aid partners, coalitions, and all stakeholders
- Understand the activities that could impact preventing and responding to emergency incidents
- Develop, coordinate, or implement plans used to respond and recover from all hazards
- Ensure alteration of emergency procedures based on regulatory or technologically changes
- Maintain/update all resource materials associated with emergency preparedness plans
- Coordinate disaster response or crisis management activities as needed to meet special needs
- Maintain liaisons to ensure plan development, coordination, and resource allocation/exchanges
- Know federal, state, and local regulations and policies affecting emergency planning
- Prepare emergency situational/status reports that describe response and recovery efforts
- Design, administer, or coordinate emergency preparedness training, education, or orientation of
- Coordinate with agencies, hospitals, and other institutions as needed to determine capabilities
- Evaluate emergency management plans in accordance with state and federal regulations
- Develop professional working relationships with other emergency management personnel
- Collaborate with officials to conduct damage assessments following disasters or emergencies
- Conduct hazard vulnerability surveys to determine emergency related risks and hazards
This domain requires exam candidates to demonstrate competency by using recall and recognition, comprehension, and application of knowledge to correctly answer items related to healthcare emergency management and disaster preparedness to ensure healthcare organizational viability. Exam items are distributed throughout the examination. Knowledge and job skills include the following:

a. Design, implement, and maintain comprehensive management systems by defining emergency preparedness requirements including the development of policies, procedures, and plans needed to protect patients, staff, visitors, and property.

b. Implement policies, procedures, and directives in systematic manner to support requirement to provide medical care as needed during declared emergencies or disaster events.

c. Determine the effectiveness of emergency related functions and relevant systems using collaboration, communication, and coordination to ensure continuous medical operations.

d. Apply sound management and leadership concepts to efficiently to improve all emergency and disaster preparedness functions.

e. Use appropriate methods that will ensure stakeholders understand their roles in formulation, coordination, and implementation of emergency preparedness actions.

f. Present and coordinate information with response organizations, government agencies, incident command structures, management, contractors, vendors, and the public about emergency management requirements.

g. Accept responsibility to promote emergency management by providing advice on issues related to emergency actions necessary to provide services and protect people and property.

h. Domain 1 sample exam topics:
   - All-hazards preparedness
   - ASPR capabilities
   - Bioterrorism preparedness
   - Capabilities
   - CMS requirements
   - ICS principles
   - Communications
   - Community involvement
   - Resource management
   - Incident action planning
   - Federal agency responsibilities
   - Disaster legislations
   - Drills and exercises
   - Stakeholders
   - ESF#6
   - ESF #8
   - ESF#9
   - ESF #13
   - FEMA capabilities
   - FEMA responsibilities
   - Building egress
   - Preparedness
   - Management functions
   - Coalitions
   - HVA/EOP
   - Recovery capabilities
   - Response capabilities
   - Healthcare sector preparedness
   - Exercise programs
   - Hospital response
   - Evacuation planning
   - Community emergencies
   - Incident Command Systems
   - Incident commander responsibilities
   - Information management
Domain 1A – Healthcare Emergency Principles (30 Items/21%)

1. Chemical exposure incidents
2. Coalitions
3. Disaster planning
4. Disaster response
5. Emergency drills
6. Disaster exercises
7. Emergency communication
8. Emergency management planning
9. Emergency management priorities
10. Emergency operations
11. Emergency planning capabilities
12. Emergency planning priorities
13. Emergency planning resources
14. Technology emergency priorities
15. Emergency support functions
16. Facility risks
17. Federal agency oversight
18. Hazard and risk identification
19. Hazard evaluation and assessment
20. Incident command structure
21. Mitigation planning
22. National incident management system
23. Natural disasters
24. Patient issues
25. Planning and analysis
26. Planning coordination
27. Preparedness actions
28. Prioritized response
29. Security
30. Surge planning
Domain 1B -- Emergency Preparedness Concepts (26 Items/18%)

1. Assessing situations and decision making
2. Communication and information processes
3. Evaluating disaster impact
4. Coalition drills & exercises
5. Fire drills and exercises
6. Casualty drills and exercises
7. Disaster exercises
8. Emergency management priorities
9. Emergency response planning
10. Emergency mitigation planning
11. Emergency standards
12. Evaluating hazards
13. Federal emergency planning
14. ICS coordination
15. Incident command structure
16. Incident command duties
17. Incident command effectiveness
18. Incident command responsibilities
19. Incident action planning
20. Communication restoration
21. Medical planning
22. National incident command system
23. National preparedness framework
24. Organizational structure
25. Disaster preparedness concepts
26. System methods

Domain 2—National Response & Disaster Preparedness (51 Items/35%)

This domain requires exam candidates to demonstrate competency by using recall and recognition, comprehension, and application of knowledge to correctly answer items related to healthcare emergency management to prevent harm, reduce risks, and maintain a safe environment for staff, patients, and visitors. Disaster items are distributed throughout the examination. Knowledge and job practice skills include the following:

a. Evaluate facilities, products, systems, equipment, and processes by applying qualitative techniques to ensure proper planning, protection, response, mitigation, and recovery during emergencies.

b. Recommend actions to minimize hazards and reduce risks posed during emergencies or disasters.

c. Evaluate and coordinate response actions with appropriate agencies, institutions, coalitions, and others to ensure the feasibility, effectiveness, and reliability of healthcare operations to support all types of incidents.

d. Implement strategies by using the results of hazard identification actions, risk analyses, planning, and coordination to reduce the impact of disasters on healthcare operations to provide care.

e. Obtain compliance certifications, listings, approvals or authorizations by identifying applicable regulations, and standards to ensure facility and community emergency preparedness effectiveness.

f. Communicate emergency and disaster related hazards, risks, and control measures to employees, management, vendors, and the public.
g. Domain 2 sample topics:
  o Biological/chemical agents
  o Bioterrorism emergencies
  o Capabilities-based planning
  o Center for domestic preparedness
  o Chemical stockpile preparedness exercises
  o Coalition exercises
  o Communication technology emergencies
  o Communications sector
  o Comprehensive preparedness guides
  o Continuity of operations
  o Cyber security
  o Emergency services sector
  o Emergency support function annexes
  o Energy sector
  o Federal interagency operational plans
  o Weather related disasters
  o Forward and reverse planning
  o Government emergency telecommunications service
  o Hazard risk assessment
  o Healthcare and public health sector challenges
  o Horizontal integration
  o Identification standard for federal employees/contractors
  o Incident action planning guide
  o Industrial chemical agents
  o Mitigation core capabilities
  o National disaster medical system
  o National exercise program
  o National preparedness system
  o National response framework
  o National terrorism advisory system
  o National training and education division
  o National training program
  o Nationwide nuclear security
  o Nationwide suspicious activity reporting initiative
  o NIMS typing & credentialing
  o Pandemic
  o FEMA core capabilities
  o Scenario-based planning
  o Situational awareness and information collection/analysis
  o Strategic national risk assessment
  o Strategic and tactical planning
  o Telecommunications service priority
  o Terrorist devices
  o Transportation sector
  o Vertical integration
Domain 2A-- National Response Framework (26 Items/18%)
1. Asset protection
2. Core capabilities
3. Disaster communication & information
4. Emergency management concepts
5. Emergency support function annexes
6. Federal agency
7. Federal agency structure
8. Federal disaster legislation
9. Federal disaster planning
10. Federal jurisdictions
11. Federal requirements
12. Federal response planning
13. Federal sector responsibilities
14. Healthcare coalitions
15. Healthcare disaster management
16. Lessons learned
17. Medical planning
18. Medical treatment and disasters
19. National incident management system
20. National preparedness
21. Public sector capabilities
22. Responder hazards
23. Healthcare sector responsibilities
24. Public sector responsibilities
25. Security risks
26. Medical response resources

Domain 2B-- Disasters, Terrorism, & Resilience (25 Items/17%)
1. Disaster lessons learned
2. Disaster planning scope
3. Disaster response concepts
4. Disaster response and recovery
5. Federal agency responsibilities
6. First response priorities
7. General management principles
8. Hazard warnings
9. Large scale disasters
10. Medical response
11. Mitigation and recovery
12. Mitigation issues
13. Natural disaster preparedness
14. Natural disaster response
15. Patient care during disasters
16. Post disaster hazards
17. Resilience and recovery
18. Sector responsibilities
19. Security risks
20. Surge related issues
21. Technology emergency
22. Terrorism threats
23. Terrorism weapons
24. Terrorism prevention
25. Bioterrorism

Domain 3—Safety/Environmental & Standards (38 Items/26%)

This domain requires exam candidates to demonstrate competency by using recall and recognition, comprehension, and application of knowledge to correctly answer items related to ethical professional practice
in the application of, and adherence to safety/environmental compliance, accreditation, and voluntary consensus standards. Items are distributed throughout the exam. Knowledge and job practice skills include the following:

a. Develop effective emergency related education and training by establishing objectives to impart knowledge and facilitate understanding of compliance and voluntary standards.

b. Evaluate compliance through performance assessments and various forms of feedback to assure the effectiveness of emergency training, education, exercises, and drills.

c. Maintain a recordkeeping and data capture system to acquire, analyze, and distribute data needed to meet emergency management and safety compliance requirements.

d. Hold paramount the protection of people, property, and environment by working with management and government agencies to improve all phases of disaster preparedness and emergency management.

e. Adhere to standards of professional conduct by limiting emergency professional practice to areas of competence and avoid all conflicts of interest.

f. Improve competency through certification, continuing education, and maintaining proficiency in the use of relevant systems and technologies.

g. Demonstrate a knowledge of codes and standards:
   - Code of Federal Regulations (Titles 10, 21, 29, 40, 42, 44, 49)
   - Federal Agencies (CDC, DHS, DHHS, DHS, DOT, EPA, FDA, FEMA, NRC, & OSHA)
   - Voluntary Organizations (ANSI, ASTM, ASHRAE, ASME, CGA, FGI, NFPA, NIOSH, UL)

h. Domain 3 sample exam topics:
   - American Conference on Government Industrial Hygienists
   - American National Standards Institute
   - ASTM International & ATSDR
   - Characteristics of hazardous materials
   - Chemical storage
   - Clean Air Act & Clean Water Act
   - Coast Guard Responsibilities
   - Code of Federal Regulations
   - Egress and facility safety issues
   - Emergency Planning and Community Right-to-Know Act
   - Emergency Shower & Eyewash Requirements
   - Environmental Protection Agency
   - Federal Insecticide, Fungicide, and Rodenticide Act
   - Federal Register
   - Fire safety
   - Flammable/combustible substances
   - Hazardous Material Exposures
   - HAZWOPER Emergencies
   - Indoor air quality
   - Ionizing Radiation Standards
   - Managing Hazardous Materials
   - Mine Safety and Health Administration
   - National Fire Protection Association
   - National Institute of Occupational Safety and Health
   - National Sanitation Foundation
   - NFPA 101 and other standards/codes
   - Nuclear Regulatory Commission
   - OSHA Act of 1970
   - Air Contaminant Standards
   - Emergency Related Standards
- OSHA General Duty Clause
- Hazard Communication Standard
- Respiratory Protection Standard
- OSHA violations
- Portable fire extinguishers
- Radiation hazards
- Resource Conservation & Recovery Act
- Security management
- Toxic Substances Control Act
- Underwriters' Laboratories

**Domain 3A—Disaster Safety & OSHA Requirements (20 Items/14%)**

1. Chemical and hazardous materials
2. Chemical safety
3. Compliance inspections
4. Facility hazards
5. Facility hazards
6. Fire safety
7. Hazard controls
8. Hazard protection
9. Human safety risks
10. Key OSHA standards
11. Post incident occupational safety
12. Occupational safety risks and hazards
13. Occupational safety responsibilities
14. Personal protective equipment
15. Safety directive requirements
16. OSHA compliance and recordkeeping
17. Hazard evaluation and correction
18. Safety related response hazards
19. OSHA guidelines
20. OSHA enforcement actions

**Domain 3B—Federal, Consensus, & Voluntary Standards (18 Items/12%)**

1. Accreditation organizations
2. Accreditation standards
3. Federal safety and health compliance
4. Federal agencies with safety responsibilities
5. Emergency related federal standards
6. Voluntary federal safety guidelines
7. Voluntary fire safety standards
8. Healthcare voluntary guidelines
9. Consensus safety and health standards
10. Key voluntary standard organizations (3 exam items)
11. Federal agencies and voluntary standards
12. Federal agency disaster responsibilities
13. FEMA guidelines and resources
14. Homeland security requirements
15. DHHS emergency standards
16. Federal agency safety related resources