Certified Emergency & Disaster Professional (CEDP) Examination Blueprint/Outline
(Effective October 1, 2017)

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<td>3. Safety &amp; Environmental</td>
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<td>B. Compliance &amp; Voluntary Standards (15 Items or 10%)</td>
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IBFCSM uses KR-20 statistics to determine reliability.

Job Practice Competencies

- Collaborate with officials to conduct damage assessments following disasters or emergencies
- Collaborate with response entities, mutual aid partners, coalitions, and all stakeholders
- Conduct hazard vulnerability surveys to determine emergency related risks and hazards
- Coordinate disaster response or crisis management activities as needed to meet special needs
- Coordinate with agencies, hospitals, and other institutions as needed to determine capabilities
- Design, administer, or coordinate emergency preparedness training, education, or orientation
- Develop professional working relationships with other emergency management personnel
- Develop, coordinate, or implement plans used to respond and recover from all hazards
- Ensure alteration of emergency procedures based on regulatory or technologically changes
• Evaluate emergency management plans in accordance with state and federal regulations
• Know federal, state, and local regulations and policies affecting emergency planning
• Maintain liaisons to ensure plan development, coordination, and resource allocation/exchanges
• Maintain/update all resource materials associated with emergency preparedness plans
• Prepare emergency situational/status reports that describe response and recovery efforts
• Understand the activities that could impact preventing and responding to emergency incidents

Domain 1–Emergency Management (55 Items/38%)

This domain requires exam candidates to demonstrate competency by using recall and recognition, comprehension, and application of knowledge to correctly answer items related to emergency and disaster management. Exam items appear throughout the examination. Exam items are distributed throughout the examination. Knowledge and job practice 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.

b. Implement policies, procedures, and directives in systematic manner to support requirements to respond to declared emergencies or disaster events.

c. Determine the effectiveness of emergency related function and relevant systems using collaboration and communication to coordinate operations.

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

e. Use appropriate methods that will ensure stake-holders 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.

Domain 1A: Emergency Fundamentals (23 Items/16%)

1. Disaster preparedness/response
2. Emergency management
3. Emergency planning
4. Emergency planning & coordination
5. Emergency planning techniques
6. Emergency preparedness
7. Federal agency responsibilities
8. Hazard analysis
9. Healthcare emergency management requirements
10. Leadership and decision making
11. Leadership and management
12. Medical resources/systems
13. Medical services
14. Medical support concepts
15. Medical treatment planning
16. National preparedness
17. Organizational communication
18. Preparedness risks
19. Resource acquisition
20. Response sector collaboration
21. Supply chains and resources
22. Sustaining response operations
23. System methods and processes

Domain 1B: Emergency & Disaster Management (32 Items/22%)

1. Planning coordination
2. Agency coordination/collaboration
3. Authority and responsibility
4. Coalitions
5. Communications
6. Coordinating response actions
7. Disaster recovery
8. Disaster response actions
9. Drills and exercises
10. Emergency coordination
11. Emergency management models
12. Emergency planning effectiveness
13. Emergency supplies
14. Exercises and drills
15. FEMA defined terms
16. Governmental agency coordination
17. Healthcare emergency management standards
18. Human resource management
19. Identifying hazards
20. Incident command terms
21. Incident command situations
22. Incident command systems
23. Information and data management
24. Lessons learned
25. Mitigation analysis
26. Mitigation and recovery
27. Natural risks and hazards
28. Operational planning
29. Organizational continuity
30. Organizational structures
31. Response assistance and cooperation
32. Warnings and alerts
Domain 2—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 disaster preparedness. Exam items are distributed throughout the examination. 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.

Domain 2A—National Response Concepts (30 Items/21%)

1. Assessing natural and man-made hazards
2. Command and control
3. Coordination among agencies
4. Disaster command and control
5. Disaster readiness
6. Disaster response actions
7. Disaster response planning
8. Emergency response support
9. Emergency support function responsibilities
10. Federal agency capabilities
11. Federal agency responsibilities
12. Federal response structure and commands
13. Federal response structures
14. FEMA core capabilities
15. FEMA defined sector capabilities
16. Information technology
17. Infrastructure security and resilience
18. Management and authority models
19. Mass care issues
20. National incident planning
21. National preparedness
22. National preparedness and response
23. Natural disaster risks
24. Protecting infrastructures
25. Resource delivery effectiveness
26. Sector drills and exercises
27. Organizational response to emergency incidents
28. Standards compliance
29. Supply and resource priorities
30. Transportation disasters

2B—Disasters, Terrorism, & Resilience (21 Items/14%)

1. Cyber security
2. Cyber threats
3. Disaster crime prevention
4. Hazardous agents
5. Information collection and sharing
6. Information security
7. Incident lessons learned
8. Disaster response learned
9. Mass care and medical services
10. Mitigation activities
11. Mitigation and threat assessment
12. Natural disasters and weather risks
13. Natural hazards
14. Nuclear hazards and risks
15. Organizational priorities
16. Public safety
17. Resilience
18. Threat assessment
19. Risks from hazardous agents
20. Terror weapons
21. Terror threats

Domain 3—Safety & Environmental (39 Items/27%)

This domain requires exam candidates to demonstrate competency by using recall and recognition, comprehension, and application of knowledge to correctly answer items related to the ethical and professional practice of a healthcare emergency professional. Exam items are distributed throughout the examination. 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 recordkeeping and data capture systems to acquire, analyze, and distribute accurate information to support 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:
   o Code of Federal Regulations (Titles 10, 21, 29, 40, 42, 44, 49)
   o Federal Agencies (CDC, DHS, DHHS, DOT, EPA, FDA, FEMA, NRC, & OSHA)
   o Voluntary Organizations (ANSI, ASTM, ASHRAE, ASME, CGA, FGI, NFPA, NIOSH, UL)

Domain 3A—Safety & OSHA Requirements (24 Items/17%)
1. Chemical safety
2. Disaster related safety and risks
3. Disaster related hazards
4. Emergency action plans
5. Environmental hazards
6. Federal agency emergency requirements
7. Federal standards and guidelines
8. Hazard exposures
9. Hazard identification and analysis
10. Hazardous materials
11. Hazardous materials and substances
12. Hazardous materials response
13. Hazardous materials safety
14. Human safety risks
15. Information access and security
16. Occupational hazard exposures
17. PPE compliance requirements
18. Personnel protective clothing
19. Personnel protective equipment
20. Physical security
21. Post disaster safety hazards
22. Radiation and nuclear safety
23. Standards, codes, and regulations
24. Worker safety standards

Domain 3—Compliance & Voluntary Standards (15 Items/10%)
1. Disaster security
2. Emergency related legislation
3. Emergency utilities
4. Food and water safety
5. Hazardous material incidents
6. Resource management
7. Managing emergency utilities
8. Managing hazardous substances
9. Pandemic, medical surge, and evacuation
10. Post disaster safety hazards
11. Respiratory hazards
12. Risk management
13. Structural safety hazards
14. Technological and man-made hazards
15. Web resources