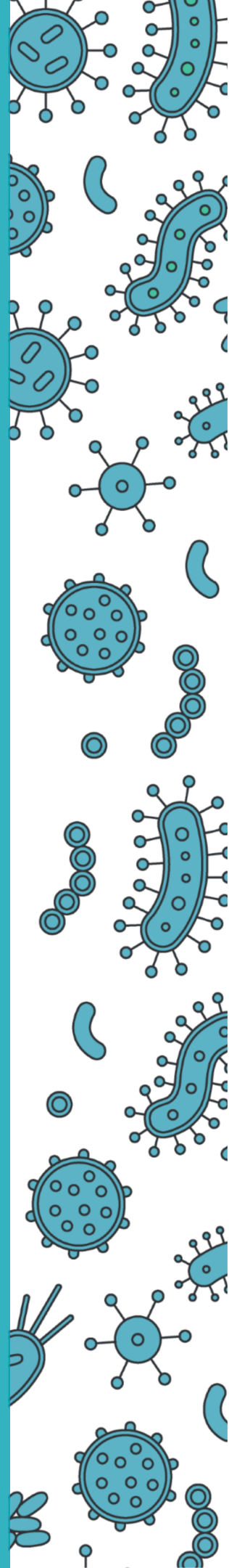


CERTIFICATION IN INFECTION PREVENTION AND CONTROL

STUDY PLAN & WORKBOOK



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CERTIFICATION IN INFECTION PREVENTION AND CONTROL

STUDY PLAN & WORKBOOK

Produced by: Luz Caicedo, MPH, CPH, CIC

Florida Department of Health in Orange County





August 7, 2018

Dear group member,

Thank you for participating in the Florida Health Care-Associated Infections (HAI) Certification in Infection Prevention and Control (CIC) Study Group. This is a great step to take towards achieving certification. The HAI CIC Study Group was founded on January 22, 2018, to improve Florida's capacity to respond to HAI outbreaks and educate public health staff on infection prevention and control.

The Florida HAI Prevention Program has been dedicated to providing infection control education to county health departments (CHDs). In their latest effort, the HAI Prevention Program has supported the creation of the HAI CIC Study Group in collaboration with the Florida Department of Health in Orange County. The goal of this study group is to improve infection prevention and control competency by increasing the number of CIC-credentialed staff at CHDs.

If you have any questions, please email me at Luz.Caicedo@flhealth.gov.

Thanks again, and best of luck preparing for the CIC exam!

Sincerely,

A handwritten signature in blue ink, appearing to read "Luz Caicedo". The signature is stylized with a large initial "L" and a circular flourish at the end.

Luz Caicedo, MPH, CPH, CIC

Health Care-Associated Infections Epidemiologist
Florida Department of Health in Orange County

INTRODUCTION

This tool was developed to be utilized in conjunction with the Association for Professionals in Infection Control (APIC) Text of Infection Control and Epidemiology, 4th edition, and the Certification Study Guide, 6th edition. This tool provides a detailed outline of chapters to read over the upcoming 26 weeks in preparation for your exam. It also includes pages to complete practice questions and the three practice exams from the Certification Study Guide, 6th edition.



GOAL

To improve infection prevention and control competency by increasing the number of CIC-credentialed staff at county health departments (CHDs) in Florida.



VISION

To provide access to infection control education and promote certification amongst health care personnel, and public health staff to prevent HAIs from occurring among the residents and visitors who enter health care facilities in Florida.

EXAM COMPONENTS

Identification of
Infectious
Disease
Processes

Surveillance and
Epidemiologic
Investigation

Preventing/
Controlling the
Transmission of
Infectious
Agents

Employee/
Occupational
Health

Management
and
Communication

Education
and
Research

Environment
of
Care

Cleaning,
Sterilization,
Disinfection,
Asepsis

CATEGORY	TOTAL QUESTIONS
Identification of Infectious Disease Processes	22
Surveillance and Epidemiologic Investigation	24
Preventing/Controlling the Transmission of Infectious Agents	25
Employee/Occupational Health	11
Management and Communication	13
Education and Research	11
Environment of Care	14
Cleaning, Sterilization, Disinfection, Asepsis	15
TOTAL	135

IDENTIFICATION OF INFECTIOUS DISEASE PROCESSES

WEEK/DATE	ASSIGNED CHAPTER READINGS
Week 1	☐ Chapter 21 Risk Factors Facilitating Transmission of Infectious Agents (21-1 to 21-11) ☐ Chapter 22- Microbial Pathogenicity and Host Response (22-1 to 22-8) ☐ Chapter 23- The Immunocompromised Host (23-1 to 23-15)
	☐ CIC Study Group Meeting
Week 2	☐ Chapter 24- Microbiology Basics (24-1 to 24-17) ☐ Chapter 25- Laboratory Testing and Diagnosis (25-1 to 25-7) ☐ Chapter 26- Antimicrobial Resistance (26-1 to 26-14)
	☐ CIC Study Group Meeting
Week 3	☐ Chapter 36 Pneumonia (36-1 to 36-6) ☐ Chapter 95 Tuberculosis and Other Mycobacteria (95-1 to 95-18) ☐ Chapter 72 Clostridium difficile and Pseudomembranous Colitis (72-1 to 72-15) ☐ Chapter 82 Influenza (82-1 to 82-8)
	☐ CIC Study Group Meeting
Week 4	☐ Chapter 75 Enterobacteriaceae (75-1 to 75-16) ☐ Chapter 84 Legionella (84-1 to 84-9) ☐ Chapter 79 Diarrheal Diseases Viral, Bacterial, and Parasitic ☐ 79A Viral (8 Pages) ☐ 79B Bacterial (15 pages) ☐ 79C Parasitic (9 pages) ☐ Chapter 97 Viral Hepatitis (97-1 to 97-13)

ADDITIONAL CHAPTERS

- | | |
|--|--|
| <ul style="list-style-type: none">☐ 70 Biofilms (13)☐ 73 Creutzfeldt-Jakob disease and other prion diseases (13)☐ 74 Central Nervous System Infection (14)☐ Enterococci (9)☐ 77 Environmental Gram-negative Bacilli (5)☐ 78 Fungi (12)☐ 81 HIV/AIDs (11)☐ 83 Foodborne Illnesses (10)☐ 85 Lyme Disease <i>Borrelia burgdorferi</i> (10) | <ul style="list-style-type: none">☐ 88 Parvovirus (7)☐ 89 Rabies (6)☐ 90 Respiratory Syncytial Virus (5)☐ 91 Sexually Transmitted Diseases (26)☐ 92 Skin and Soft Tissue Infections (8)☐ 93 Staphylococci (19)☐ 94 Streptococci (10)☐ 96 Viral Hemorrhagic Fevers (9)☐ 98 West Nile Virus (4)☐ 99 Parasites (8) |
|--|--|



PRACTICE QUESTIONS

Certification Study Guide 6th Edition, pp. 41-52 (50 questions)

1.	11.	21.	31.	41.
2.	12.	22.	32.	42.
3.	13.	23.	33.	43.
4.	14.	24.	34.	44.
5.	15.	25.	35.	45.
6.	16.	26.	36.	46.
7.	17.	27.	37.	47.
8.	18.	28.	38.	48.
9.	19.	29.	39.	49.
10.	20.	30.	40.	50.

RESULTS

Number of Incorrect	Number of Correct	Percentage

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 53-66 (50 questions)

ANSWERS AND CORRESPONDING CHAPTERS

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SURVEILLANCE AND EPIDEMIOLOGIC INVESTIGATION

WEEK/DATE	ASSIGNED CHAPTER READINGS
	☐ CIC Study Group Meeting
Week 5	☐ Chapter 10 General Principles of Epidemiology (10-1 to 10-12) ☐ Chapter 11 Surveillance (11-1 to 11-14) ☐ Chapter 12 Outbreak Investigations (12-1 to 12-10)
	☐ CIC Study Group Meeting
Week 6	☐ Chapter 13 Use of Statistics in Infection Prevention (13-1 to 13-20) ☐ Chapter 14 Process Control Charts (14-1 to 14-8) ☐ Chapter 15 Risk adjusted Comparisons (15-1 to 15-6)
	☐ CIC Study Group Meeting
Week 7	☐ Chapter 16 Quality Concepts (16-1 to 16-8) ☐ Chapter 19 Qualitative Research Study (19-1 to 19-8) ☐ Chapter 20 Research Study Design (20-1 to 20-4) ☐ Chapter 33 Urinary Tract Infection (33-1 to 33-12)
	☐ CIC Study Group Meeting

PRACTICE QUESTIONS

Certification Study Guide 6th Edition, pp. 71-83 (50 questions)

1.	11.	21.	31.	41.
2.	12.	22.	32.	42.
3.	13.	23.	33.	43.
4.	14.	24.	34.	44.
5.	15.	25.	35.	45.
6.	16.	26.	36.	46.
7.	17.	27.	37.	47.
8.	18.	28.	38.	48.
9.	19.	29.	39.	49.
10.	20.	30.	40.	50.

RESULTS

Number of Incorrect	Number of Correct	Percentage

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 84-98 (50 questions)

ANSWERS AND CORRESPONDING CHAPTERS

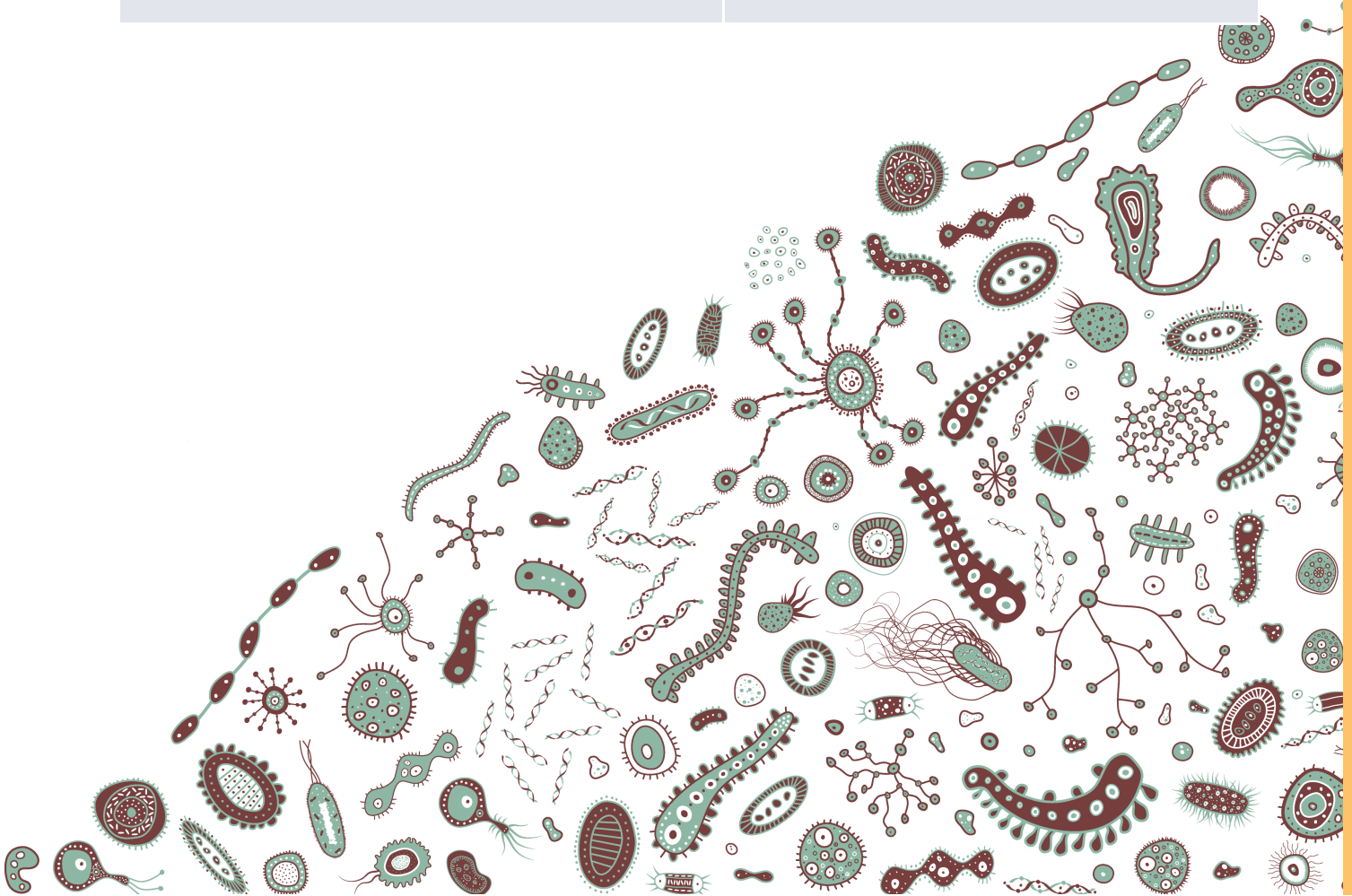
P.22

PREVENTING AND CONTROLLING THE TRANSMISSION OF INFECTIOUS AGENTS

WEEK/DATE	ASSIGNED CHAPTER READINGS
Week 8	☐ Chapter 5 Infection Prevention and Behavioral Interventions (5-1 to 5-6) ☐ Chapter 34 Intravascular Device Infections (34-1 to 34-18) ☐ Chapter 120 Infectious Disease Disasters: Bioterrorism, Emerging Infections and Pandemics (120-1 to 120-20)
	☐ CIC Study Group Meeting
Week 9	☐ Chapter 27 Hand Hygiene (27-1 to 27-5) ☐ Chapter 28 Standard Precautions (28-1 to 28-4) ☐ Chapter 29 Isolation Precautions (29-1 to 29-8) ☐ Chapter 30 Aseptic Technique (30-1 to 30-4)
	☐ CIC Study Group Meeting
Week 10	☐ Chapter 63 Ophthalmology Services (63-1 to 63-12) ☐ Chapter 67 Respiratory Care Services (67-1 to 67-5) ☐ Chapter 68 Surgical Services (68-1 to 68-12)
	☐ CIC Study Group Meeting
Week 11	☐ Chapter 110 Pharmacy Services (110-1 to 110-11) ☐ Chapter 113 Waste Management (113-1 to 113-10)
	☐ CIC Study Group Meeting
Week 12	☐ Chapter 122 Animals Visiting Health Care Facilities (122-1 to 122-8) ☐ Chapter 31 Cleaning, Disinfection and Sterilization (31-1 to 31-11) ☐ Chapter 35 Infections in Indwelling Medical Devices (35-1 to 35-14)

ADDITIONAL CHAPTERS

- | | |
|--|---|
| ☐ 39 Dialysis (16) | ☐ 56 Home care (8) |
| ☐ 40 Geriatrics (6) | ☐ 57 Hospice and Palliative care (5) |
| ☐ 42 Neonates (25) | ☐ 58 Imaging Series and Radiation Oncology (5) |
| ☐ 42 Pediatrics (15) | ☐ 59 Intensive Care (7) |
| ☐ 43 Perinatal Care (18) | ☐ 60 Interventional Radiology (10) |
| ☐ 44 Infection Prevention in Oncology and other Immunocompromised Patients (10) | ☐ 61 Long-Term Care (9) |
| ☐ 45 Solid Organ Transplantation (9) | ☐ 64 Ambulatory Surgery Centers (11) |
| ☐ 46 Hematopoietic Stem Cell Transplantation (12) | ☐ 65 Postmortem Care (5) |
| ☐ 47 Nutrition and Immune Function (13) | ☐ 66 Rehabilitation services (13) |
| ☐ 48 Ambulatory Care (12) | ☐ 69 Xenotransplantation (8) |
| ☐ 49 Behavioral Health (10) | ☐ 108 Laboratory Services (11) |
| ☐ 50 Cardiac Catheterization and Electrophysiology (9) | ☐ 109 Nutrition Services (17) |
| ☐ 51 Correctional Facilities (13) | ☐ 117 Public Health (4) |
| ☐ 52 Child Care Services (7) | ☐ 118 Travel Health (11) |
| ☐ 53 Dental Services (19) | ☐ 119 Emergency Management (23) |
| ☐ 54 Emergency and Other Pre-hospital Medical Services (18) | ☐ 121 Animal Research & Diagnostics (14) |
| | ☐ 123 Body Piercing Tattoos and Electrolysis (9) |



PRACTICE QUESTIONS

Certification Study Guide 6th Edition, pp. 104-117 (50 questions)

1.	11.	21.	31.	41.
2.	12.	22.	32.	42.
3.	13.	23.	33.	43.
4.	14.	24.	34.	44.
5.	15.	25.	35.	45.
6.	16.	26.	36.	46.
7.	17.	27.	37.	47.
8.	18.	28.	38.	48.
9.	19.	29.	39.	49.
10.	20.	30.	40.	50.

RESULTS

Number of Incorrect	Number of Correct	Percentage

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 118-132 (50 questions)

ANSWERS AND CORRESPONDING CHAPTERS

P.23

EMPLOYEE/ OCCUPATIONAL HEALTH

WEEK/DATE	ASSIGNED CHAPTER READINGS
	☐ CIC Study Group Meeting
Week 13	☐ Chapter 86 Measles, Mumps and Rubella (86-1 to 86-17) ☐ Chapter 87 <i>Neisseria meningitidis</i> (87-1 to 87-5) ☐ Chapter 100 Occupational Health (100-1 to 100-15) ☐ Chapter 101 Occupational Exposure to Bloodborne Pathogens (100-1 to 100-9) ☐ Chapter 102 Volunteers, Contract Workers etc. (102-1 to 102-104)
Week 14	☐ Chapter 71 <i>Bordetella Pertussis</i> (71-1 to 71-7) ☐ Chapter 80 Herpes Virus (80-1 to 80-12)
	☐ CIC Study Group Meeting
Week 15	☐ Chapter 103 Immunization of Healthcare Personnel (103-1 to 103-34) ☐ Chapter 104 Pregnant Healthcare Personnel (104-1 to 104-13) ☐ Chapter 105 Minimizing Exposure to Blood and Body Fluids (105-1 to 105-7) ☐ Chapter 81 HIV/AIDS (81-1 to 81-11)



PRACTICE QUESTIONS

Certification Study Guide 6th Edition, pp. 136-143 (25 questions)

1.	11.	21.
2.	12.	22.
3.	13.	23.
4.	14.	24.
5.	15.	25.
6.	16.	
7.	17.	
8.	18.	
9.	19.	
10.	20.	

RESULTS

Number of Incorrect Answers	Number of Correct Answers	Percentage Correct

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 144-151 (25 questions)

ANSWERS AND CORRESPONDING CHAPTERS

P.24



MANAGEMENT AND COMMUNICATION

WEEK/DATE	ASSIGNED CHAPTER READINGS
	☐ CIC Study Group Meeting
Week 16	☐ Chapter 01- Infection Prevention and Control Programs (1-1 to 1-8) ☐ Chapter 02– Competency and Certification of the Infection Preventionist (2-1 to 2-7) ☐ Chapter 08- Legal Issues (8-1 to 8-16) ☐ Chapter 09- Staffing (9-1 to 9-7)
	☐ CIC Study Group Meeting
Week 17	☐ Chapter 06- Healthcare Informatics and Information Technology (6-1 to 6-14) ☐ Chapter 18- Patient Safety (18-1 to 18-18)
Week 18	☐ Chapter 16- Quality Concepts (16-1 to 16-8)*Review ☐ Chapter 17- Performance Measures (17-1 to 17-11)
	☐ CIC Study Group Meeting
Week 19	☐ Chapter 04- Accrediting and Regulatory Agencies (4-1 to 4-14)

PRACTICE QUESTIONS

Certification Study Guide 6th Edition, pp. 156-162 (25 questions)

1.	11.	21.
2.	12.	22.
3.	13.	23.
4.	14.	24.
5.	15.	25.
6.	16.	
7.	17.	
8.	18.	
9.	19.	
10.	20.	

RESULTS

Number of Incorrect	Number of Correct	Percentage

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 163-168 (25 questions)

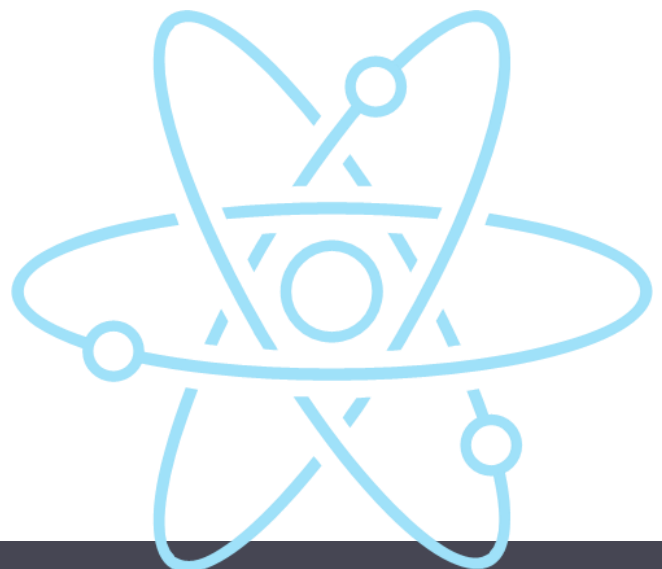
ANSWERS AND CORRESPONDING CHAPTERS

P.25



EDUCATION AND RESEARCH

WEEK/DATE	ASSIGNED CHAPTER READINGS
	☐ CIC Study Group Meeting
Week 20	☐ Chapter 03- Education and Training (3-1 to 3-12) ☐ Chapter 05- Infection Prevention and Behavioral Intervention (5-1 to 5-7)*Review ☐ Chapter 19- Qualitative Research Methods (19-1 to 19-8) ☐ Chapter 20-Research Study Design 20-1 to 20-5)*Review
	☐ CIC Study Group Meeting



PRACTICE QUESTIONS

Certification Study Guide 6th Edition, pp. 174-180 (25 questions)

1.	11.	21.
2.	12.	22.
3.	13.	23.
4.	14.	24.
5.	15.	25.
6.	16.	
7.	17.	
8.	18.	
9.	19.	
10.	20.	

RESULTS

Number of Incorrect Answers	Number of Correct Answers	Percentage Correct

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 181-186 (25 questions)

ANSWERS AND CORRESPONDING CHAPTERS

P.26



ENVIRONMENT OF CARE

WEEK/DATE	ASSIGNED CHAPTER READINGS
Week 21	☐ Chapter 107- Environmental Services (107-1 to 107-22) ☐ Chapter 111- Laundry, Patient, Linens, Textiles, and Uniforms (111-1 to 111-8)
	☐ CIC Study Group Meeting
Week 22	☐ Chapter 112- Maintenance and Engineering (112-1 to 112-12) ☐ Chapter 115- Water Systems Issues and Prevention of Waterborne Infectious Diseases in Healthcare Facilities (115-1 to 115-18)
	☐ CIC Study Group Meeting
Week 23	☐ Chapter 116- Construction and Renovation (116-1 to 116-16) ☐ Chapter 114 Heating, Ventilation and Air Conditioning (114-1 to 114-15) ☐ Chapter 113 Waste Management (113-1 to 113-10) *Review
	☐ CIC Study Group Meeting

PRACTICE QUESTIONS
Certification Study Guide 6th Edition, pp. 189-196 (25 questions)

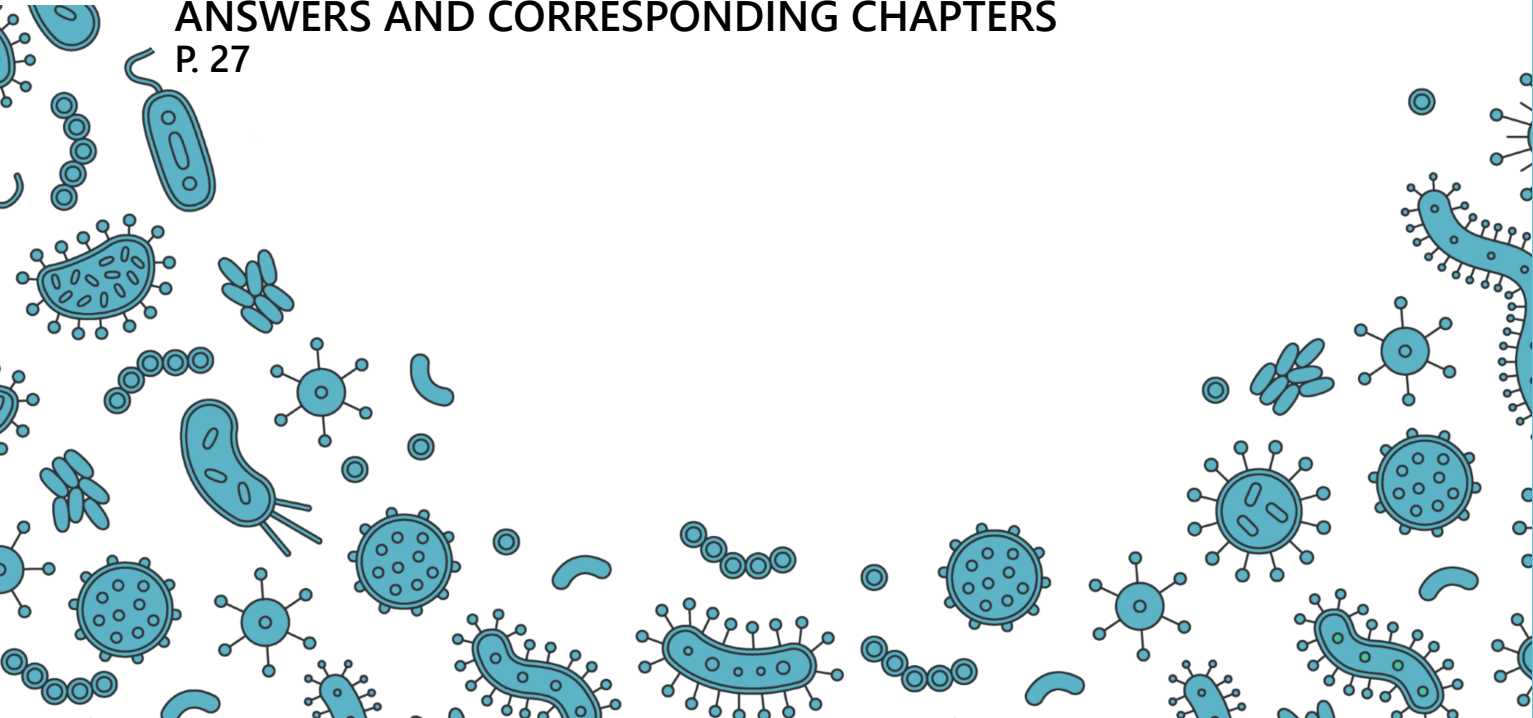
1.	11.	21.
2.	12.	22.
3.	13.	23.
4.	14.	24.
5.	15.	25.
6.	16.	
7.	17.	
8.	18.	
9.	19.	
10.	20.	

RESULTS

Number of Incorrect Answers	Number of Correct Answers	Percentage Correct

ANSWERS AND RATIONALES
Certification Study Guide 6th Edition, pp. 197-202 (25 questions)

ANSWERS AND CORRESPONDING CHAPTERS
P. 27



CLEANING, STERILIZATION, DISINFECTION, ASEPSIS

DATE	ASSIGNED CHAPTER READINGS/ MEETING DATES
Week 24	☐ Chapter 106- Sterile Processing (106-1 to 106-17) ☐ Chapter 07- Product Evaluation (7-1 to 7-7)
	☐ CIC Study Group Meeting
Week 25	☐ Chapter 32- Reprocessing Single Use Devices ☐ Chapter 55– Endoscopy (55-1 to 55-7) ☐ Chapter 31 Cleaning, Disinfection and Sterilization (31-1 to 31-11) *Review
	☐ CIC Study Guide Meeting
Week 26	☐ Chapter 30- Aseptic Technique (30-1 to 30-4)*Review ☐ Chapter 37– Surgical Site Infections (37-1 to 37-14)
	☐ CIC Study Guide Meeting

PRACTICE QUESTIONS
Certification Study Guide 6th Edition, pp. 205-212 (25 questions)

1.	11.	21.
2.	12.	22.
3.	13.	23.
4.	14.	24.
5.	15.	25.
6.	16.	
7.	17.	
8.	18.	
9.	19.	
10.	20.	

RESULTS

Number of Incorrect Answers	Number of Correct Answers	Percentage Correct

ANSWERS AND RATIONALES
Certification Study Guide 6th Edition, pp. 213-217 (25 questions)

ANSWERS AND CORRESPONDING CHAPTERS
P. 28



ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter	Answer	APIC Chapter
1. B	N/A	26. D	85– Lyme Disease
2. C	N/A	27. A	63- Ophthalmology Ser...
3. C	95-Tuberculosis	28. C	99– Parasites
4. A	95-Tuberculosis	29. A	47– Nutrition and Immu...
5. C	N/A	30. C	26– Antimicrobials and...
6. B	N/A	31. B	24– Microbiology Basics
7. B	N/A	32. C	92– Skin and Soft Tissue...
8. A	71- <i>Bordetella pertussis</i>	33. B	23– The Immunocompr...
9. B	99– Parasites	34. B	70– Biofilms
10. C	N/A	35. D	N/A
11. B	22– Microbial Pathogeni...	36. B	85– Lyme Disease
12. D	37-Surgical Site ...	37. D	97– Viral Hepatitis
13. A	N/A	38. A	24– Microbiology Basics
14. C	24– Microbiolog Basics	39. B	N/A
15. C	81– HIV/AIDS	40. A	24– Microbiology Basics
16. A	25– Laboratory...	41. C	N/A
17. B	82– Influenza	42. C	22– Microbial Pathogeni...
18. D	82– Influenza	43. A	85– Lyme Disease
19. C	72- <i>Clostridium difficile</i>	44. A	22– Microbial Pathogeni...
20. D	36- Pneumonia	45. A	83– Foodborne Illnesses
21. D	36– Pneumonia	46. D	N/A
22. A	36– Pneumonia	47. B	81– HIV/AIDS
23. D	36– Pneumonia	48. D	73– Creutzfeldt-Jakob D...
24. A	71- <i>Bordetella pertussis</i>	49. D	24– Microbiology Basics
25. D	45– Nutrition and Imm...	50. B	24– Microbiology Basics

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter	Answer	APIC Chapter
1. C	13– Use of Statistics in In...	26. C	13– Use of Statistics in In...
2. B	13– Use of Statistics in In...	27. C	13– Use of Statistics in In...
3. B	11– Surveillance	28. A	13– Use of Statistics in In...
4. B	11– Surveillance	29. A	13– Use of Statistics in In...
5. B	11– Surveillance	30. B	13– Use of Statistics in In...
6. D	13– Use of Statistics in In...	31. C	13– Use of Statistics in In...
7. A	N/A	32. B	13– Use of Statistics in In...
8. D	13– Use of Statistics in In...	33. D	13– Use of Statistics in In...
9. B	17– Performance Measur...	34. D	13– Use of Statistics in In...
10. C	11– Surveillance	35. D	10– General Principles of...
11. D	13– Use of Statistics in In...	36. A	10– General Principles of...
12. A	13– Use of Statistics in In...	37. A	11– Surveillance
13. B	13– Use of Statistics in In...	38. D	N/A
14. D	13– Use of Statistics in In...	39. B	80– Herpes Virus
15. A	13– Use of Statistics in In...	40. C	78– Fungi
16. C	14– Process Control Cha...	41. C	13– Use of Statistics in In...
17. D	13– Use of Statistics in In...	42. B	13– Use of Statistics in In...
18. B	10– General Principles of...	43. D	82– Influenza
19. D	10– General Principles of...	44. C	10– General Principles of...
20. D	13– Use of Statistics in In...	45. D	13– Use of Statistics in In...
21. B	13– Use of Statistics in In...	46. C	79A-Diarrheal Diseases...
22. C	13– Use of Statistics in In...	47. A	13– Use of Statistics in In...
23. A	13– Use of Statistics in In...	48. A	72– <i>Clostridium difficile</i>
24. C	13– Use of Statistics in In...	49. C	95– Tuberculosis
25. D	20– Research Study Desi...	50. B	13– Use of Statistics in In...

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter	Answer	APIC Chapter
1. D	82– Influenza	26. B	21– Risk Factors and Fa....
2. C	8– Legal Issues	27. A	29– Isolation Precautions
3. A	99– Parasites	28. C	29– Isolation Precautions
4. C	65– Postmortem Care	29. A	34– Intravascular Devices
5. D	78– Fungi	30. B	82– Influenza
6. D	24– Microbiology Basics	31. D	34– Intravascular Devices
7. C	29– Isolation Precautions	32. B	27– Hand Hygiene
8. B	114– Heating, Ventilation...	33. A	21– Risk Factors and Fa....
9. C	110– Pharmacy Services	34. B	34– Intravascular Devices
10. D	122– Animals Visiting He...	35. B	82– Influenza
11. B	61– Long-term Care	36. C	21– Risk Factors and Fa....
12. B	116– Construction and...	37. C	82– Influenza
13. C	NA	38. B	36– Pneumonia
14. D	31– Cleaning, Disinfecti...	39. D	34– Intravascular Devices
15. C	31– Cleaning, Disinfecti...	40. C	27– Hand Hygiene
16. C	36– Pneumonia	41. B	73– Creutzfeldt-Jakob D...
17. C	29– Isolation Precautions	42. D	36– Pneumonia
18. C	113– Waste Management	43. C	120– Infectious Disease ...
19. B	113– Waste Management	44. B	10– General Principles of...
20. B	106– Sterile Processing	45. A	82– Influenza
21. C	NA	46. A	NA
22. B	29– Isolation Precautions	47. B	26– Antimicrobials and...
23. D	34– Intravascular devices	48. B	33– Urinary Tract Infecti...
24. B	26– Antimicrobials and...	49. D	43– Perinatal Care
25. B	29– Isolation Precautions	50. D	110– Pharmacy Services

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter
1. D	95– Tuberculosis & 100– Occupational H...
2. B	100– Occupational Health
3. C	101– Occupational Exposure to Bloodbo...
4. D	100– Occupational Health
5. B	NA
6. C	101– Occupational Exposure to Bloodbo...
7. B	100– Occupational Health
8. D	100– Occupational Health
9. D	NA
10. D	103– Immunization of Healthcare Person...
11. D	55– Endoscopy
12. B	101– Occupational Exposure to Bloodbo...
13. D	103– Immunization of Healthcare Person...
14. A	39– Dialysis
15. D	NA
16. B	100– Occupational Health
17. B	101– Occupational Exposure to Bloodbo...
18. C	103– Immunization of Healthcare Person...
19. D	NA
20. C	100– Occupational Health
21. D	82– Influenza
22. B	101– Occupational Exposure to Bloodbo...
23. C	16– Quality Concepts
24. C	95– Tuberculosis and Other Mycobacteria
25. D	NA

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter
1. A	18– Patient Safety and 16– Quality Co...
2. B	26– Antimicrobials and Resistance
3. B	4– Accrediting and Regulatory Agenc...
4. D	9– Staffing
5. B	NA
6. C	18– Patient Safety
7. A	1– Infection Prevention... & 16– Qualit...
8. A	18– Patient Safety
9. C	9– Staffing
10. C	16– Quality Concepts
11. B	1– Infection Prevention and Control P...
12. C	1– Infection Prevention... & 16– Qualit...
13. B	1– Infection Prevention and Control P...
14. C	3– Education and Training
15. B	3– Education and Training
16. D	1– Infection Prevention... & 9- Staffing
17. A	1– Infection Prevention... & 16– Qualit...
18. C	1– Infection Prevention... & 2– Compe...
19. B	1– Infection Prevention... & 9- Staffing
20. A	2– Competency and Certification of t...
21. D	18– Patient Safety
22. C	18– Patient Safety
23. C	18– Patient Safety
24. D	18– Patient Safety & 16– Quality Conce...
25. B	1– Infection Prevention... & 3– Educati..

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter
1. B	3– Education and Training
2. C	27– Hand Hygiene
3. D	3– Education and & 16– Quality ...
4. A	3– Education and Training
5. B	3– Education and Training
6. A	3– Education and Training
7. C	2– Competency and Certification ...
8. B	13– Use of Statistics in Infection P...
9. B	3– Education and Trai... & 5– Infe...
10. D	101– Occupational Exposure to Bl...
11. C	20– Research Study... & 19– Quali...
12. A	20– Research Study... & 19– Quali...
13. C	20– Research Study... & 19– Quali...
14. C	20– Research Study Design
15. C	20– Research Study Design
16. A	13– Use of Statistics in Infection P...
17. D	3– Education and Training
18. C	3– Education and Training
19. D	3– Education and Trai... & 16– Qua...
20. C	3– Education and Training
21. A	3– Education and Training
22. A	1– Infection Prevention... & 4– Acc...
23. C	3– Education and Training
24. C	3– Education and Training
25. A	5– Infection Prevention and Beha...

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter
1. A	107– Environmental Services
2. D	116– Construction and Renovation
3. A	111– Laundry, Patient Linens, Textil...
4. C	114– Heating, Ventilation and Air...
5. B	111– Laundry, Patient Linens, Text...
6. D	114– Heating, Ventilation and Air...
7. B	107– Environmental Services
8. B	116– Construction and Renovation
9. D	107– Environmental Services
10. A	115– Water System Issues and Pre...
11. D	116– Construction and Renovation
12. D	107– Environmental Services
13. C	107– Environmental Services
14. D	116– Construction and Renovation
15. B	107– Environmental Services
16. C	107– Environmental Services
17. D	116– Construction and Renovation
18. D	107– Environmental Services
19. A	107– Environmental Services
20. B	107– Environmental Services
21. D	107– Environmental Services
22. A	115– Water System Issues and Pre...
23. C	115– Water System Issues and Pre...
24. A	116– Construction and Renovation
25. C	116– Construction and Renovation

ANSWERS AND CORRESPONDING CHAPTERS

Answer	APIC Chapter
1. A	31-Cleaning, Disinfection, ...
2. D	63– Ophthalmology Services
3. D	31-Cleaning, Disinfection, ...
4. C	31-Cleaning, Disinfection, ...
5. C	31-Cleaning, Disinfection, ...
6. D	73– Creutzfeldt Jakob Disea...
7. D	107– Environmental Services
8. A	31– Cleaning, Disinfection, ...
9. B	106– Sterile Processing
10. B	55– Endoscopy
11. A	106– Sterile Processing
12. C	73– Creutzfeldt Jakob Disea...
13. C	106– Sterile Processing
14. A	30– Aseptic Technique
15. D	106– Sterile Processing
16. D	30– Aseptic Technique
17. C	106– Sterile Processing
18. A	31-Cleaning, Disinfection, ...
19. D	106– Sterile Processing
20. A	106– Sterile Processing
21. C	55– Endoscopy
22. D	106– Sterile Processing
23. B	106– Sterile Processing
24. B	106– Sterile Processing
25. B	106– Sterile Processing

PRACTICE EXAM 1 QUESTIONS

Certification Study Guide 6th Edition, pp. 221-260 (135 questions)

1.	28.	55.	82.	109.
2.	29.	56.	83.	110.
3.	30.	57.	84.	111.
4.	31.	58.	85.	112.
5.	32.	59.	86.	113.
6.	33.	60.	87.	114.
7.	34.	61.	88.	115.
8.	35.	62.	89.	116.
9.	36.	63.	90.	117.
10.	37.	64.	91.	118.
11.	38.	65.	92.	119.
12.	39.	66.	93.	120.
13.	40.	67.	94.	121.
14.	41.	68.	95.	122.
15.	42.	69.	96.	123.
16.	43.	70.	97.	124.
17.	44.	71.	98.	125.
18.	45.	72.	99.	126.
19.	46.	73.	100.	127.
20.	47.	74.	101.	128.
21.	48.	75.	102.	129.
22.	49.	76.	103.	130.
23.	50.	77.	104.	131.
24.	51.	78.	105.	132.
25.	52.	79.	106.	133.
26.	53.	80.	107.	134.
27.	54.	81.	108.	135.

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 261-300

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PRACTICE EXAM 1

ANSWERS AND CORRESPONDING CHAPTERS

1. C	94– Streptoco...	28. C	31– Cleaning, D...	55. C	16– Quality Con...
2. A	10– General P...	29. B	17– Performanc...	56. A	10– General P...
3. C	72– <i>C.diff</i>	30. C	77– Environme...	57. D	100– Occupatio...
4. A	74– Central Ner...	31. D	33– UTI	58. B	106– Sterile Pro...
5. A	NA	32. A	13– Use of Sta...	59. D	55– Endoscopy
6. A	123– Body Pier...	33. B	63– Ophthalmol...	60. D	11– Surveillance...
7. D	24– Microbiolo...	34. C	10 & 20	61. C	20– Research S...
8. D	114– Heating, V...	35. C	13– Use of Sta...	62. A	3– Education and...
9. A	63– Ophthalmol...	36. B	11– Surveillance...	63. C	2– Competency a...
10. A	13– Use of Stat...	37. C	10– General P...	64. A	31– Cleaning, Dis...
11. B	NA	38. C	13 & 26	65. D	NA
12. C	115– Water Sys...	39. B	NA	66. A	29– Isolation Pre...
13. C	80– Herpes Vi...	40. C	16– Quality Con...	67. C	104 & 80
14. D	71– <i>Bordetella</i> ...	41. A	24– Microbiolo...	68. C	10– General Princ...
15. C	106– Sterile Pro...	42. A	20– Research S...	69. B	112– Maintenance...
16. A	95– Tuberculosis	43. A	26– Antimicro...	70. A	38– Burns
17. A	13– Use of Stat...	44. B	68– Surgical Ser...	71. C	NA
18. D	119– Emergenc...	45. C	16– Quality Con...	72. C	10– General Princ...
19. C	26– Antimicrob...	46. C	100– Occupatio...	73. D	119– Emergency ...
20. D	NA	47. B	NA	74. C	NA
21. D	16– Quality Con...	48. C	100– Occupatio...	75. B	NA
22. A	96– Viral Hemo...	49. A	109– Nutrition S...	76. C	63– Ophthalmol...
23. B	101– Occupatio...	50. D	16– Quality Con...	77. B	13– Use of Sta...
24. C	12– Outbreak I...	51. C	42– Pediatrics	78. C	106– Sterile Proce...
25. C	8– Legal Issues	52. B	1– Infection Pre...	79. C	11– Surveillance
26. C	86– Measles, M...	53. B	13– Use of Sta...	80. D	13– Use of Sta...
27. A	NA	54. A	81– HIV/AIDS	81. C	NA

PRACTICE EXAM 1

ANSWERS AND CORRESPONDING CHAPTERS

82. B	32– Reprocess...	109. A	NA
83. D	81– HIV/AIDS	110. D	64– Ambulato...
84. B	13– Use of Sta...	111. A	110– Pharmacy S...
85. A	3– Education ...	112. B	10– General Pri...
86. B	11–Surveillance...	113. D	21– Risk Factors...
87. A	NA	114. A	112– Maintenance...
88. B	NA	115. B	11–Surveillance...
89. A	3– Education ...	116. B	Outbreak Investi...
90. D	11–Surveillance...	117. D	18– Patient Saf...
91. C	NA	118. C	NA
92. D	55– Endoscopy	119. A	84– <i>Legionella pn...</i>
93. C	24– Microbiol...	120. C	3– Education ...
94. B	97– Viral Hepa...	121. B	107– Environmen...
95. D	64– Ambulato...	122. C	48– Ambulatory C..
96. D	3– Education ...	123. D	7– Product Evalua...
97. B	68– Surgical Se...	124. B	1– Infection Preve...
98. B	39–Dialysis	125. A	13– Use of Sta...
99. D	13– Use of Sta...	126. B	113– Waste Man...
100. A	NA	127. B	NA
101. B	18– Patient Saf...	128. C	86– Measles, Mu...
102. C	NA	129. B	73– CJD
103. A	100– Occupatio...	130. D	NA
104. C	111– Laundry, P...	131. B	100– Occupational...
105. B	NA	132. A	13– Use of Statisti...
106. D	107– Environme...	133. C	10– General Princi...
107. A	NA	134. C	NA
108. B	16– Quality Co...	135. A	10– General Princi...

PRACTICE EXAM 1 ASSESSMENT

Category	Total Questions	Number Incorrect	Number Correct	Percent Correct
Identification of Infectious Disease Processes	22			
Surveillance and Epidemiologic Investigation	24			
Preventing/Controlling the Transmission of Infectious Agents	25			
Employee/Occupational Health	11			
Management and Communication	13			
Education and Research	11			
Environment of Care	14			
Cleaning, Sterilization, Disinfection and Asepsis	15			
Total	135			

PRACTICE EXAM 2 QUESTIONS

Certification Study Guide 6th Edition, pp. 303-344 (135 questions)

1.	28.	55.	82.	109.
2.	29.	56.	83.	110.
3.	30.	57.	84.	111.
4.	31.	58.	85.	112.
5.	32.	59.	86.	113.
6.	33.	60.	87.	114.
7.	34.	61.	88.	115.
8.	35.	62.	89.	116.
9.	36.	63.	90.	117.
10.	37.	64.	91.	118.
11.	38.	65.	92.	119.
12.	39.	66.	93.	120.
13.	40.	67.	94.	121.
14.	41.	68.	95.	122.
15.	42.	69.	96.	123.
16.	43.	70.	97.	124.
17.	44.	71.	98.	125.
18.	45.	72.	99.	126.
19.	46.	73.	100.	127.
20.	47.	74.	101.	128.
21.	48.	75.	102.	129.
22.	49.	76.	103.	130.
23.	50.	77.	104.	131.
24.	51.	78.	105.	132.
25.	52.	79.	106.	133.
26.	53.	80.	107.	134.
27.	54.	81.	108.	135.

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 345-387

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PRACTICE EXAM 2

ANSWERS AND CORRESPONDING CHAPTERS

1. D	26– Antimicrob...	28. A	NA	55. C	NA
2. C	NA	29. A	1- Infection Pre...	56. A	NA
3. A	120– Infectious ...	30. C	26– Antimicrob...	57. A	13– Use of Stati...
4. C	37– Surgical S...	31. B	120– Infectious...	58. A	3– Education and Tr...
5. D	120– Infectious...	32. B	95– Tuberculosis	59. C	106– Sterile Process...
6. D	100– Occupatio...	33. A	119– Emergency..	60. B	14– Process Control...
7. A	31– Cleaning, D...	34. A	100– Occupatio...	61. C	NA
8. B	107– Environm...	35. B	NA	62. D	106– Sterile Processi...
9. C	NA	36. B	55– Endoscopy	63. C	78– Fungi
10. A	48– Ambulator...	37. B	NA	64. C	46– Hematopoietic...
11. C	NA	38. A	NA	65. A	82– Influenza
12. C	1– Infection Pr...	39. D	13– Use of Sta...	66. C	NA
13. B	NA	40. C	10 & 13	67. C	107– Environmental...
14. C	NA	41. A	72– <i>C.diff</i>	68. C	NA
15. C	100– Occupatio...	42. D	107– Environm...	69. A	20– Research Study ...
16. C	106– Sterile Pr...	43. C	NA	70. D	11– Surveillance
17. B	13– Use of Sta...	44. A	1 & 19	71. D	31– Cleaning, Disinfe...
18. C	39– Dialysis	45. A	13– Use of Stati...	72. C	NA
19. B	17– Performan...	46. A	55– Endoscopy	73. B	101– Occupational...
20. B	7– Product Eva...	47. C	13– Use of Stati...	74. D	11– Surveillance
21. D	113– Waste Ma...	48. B	13– Use of Stati...	75. B	34– Intravascular De...
22. D	99– Parasites	49. B	27– Hand Hyg...	76. A	24– Microbiology Ba...
23. C	123– Body Pier...	50. C	16– Quality Con...	77. C	100– Occupational H...
24. C	NA	51. C	29– Isolation Pr...	78. C	116– Construction...
25. C	5– Infection Pr...	52. C	107– Environme...	79. A	3– Education and Tr...
26. C	84– <i>Legionella</i> ...	53. C	29– Isolation Pr...	80. D	11– Surveillance
27. A	3– Education a...	54. D	100– Occupatio...	81. C	1– Infection Pr...

PRACTICE EXAM 2

ANSWERS AND CORRESPONDING CHAPTERS

82. B	24– Microbiolo...	109. C	20– Research Stu...
83. C	NA	110. C	20– Research Stu...
84. A	13– Use of Stati...	111. B	3– Education and...
85. C	17– Performen...	112. A	37– Surgical Site I...
86. B	116– Construct...	113. B	16– Quality Conce...
87. B	25– Laboratory...	114. C	13– Use of Statisti...
88. B	16– Quality Con...	115. D	86– Measles, Mu...
89. A	92– Skin and S...	116. C	12– Outbreak Inve...
90. A	73– CJD	117. C	3– Education and...
91. C	NA	118. A	5 & 3
92. C	3– Education a...	119. C	10– General Princi...
93. A	5– Infection P...	120. C	100– Occupational...
94. D	NA	121. B	24– Microbiology...
95. B	29– Isolation P...	122. C	NA
96. A	64– Ambulator...	123. B	27– Hand Hygiene
97. C	82– Influenza	124. A	103– Immunizatio...
98. B	50– Cardiac Cat...	125. A	31– Cleaning, Steri...
99. B	24– Microbiolo...	126. B	16– Quality Conce...
100. B	100– Occupatio...	127. C	36– Pneumonia
101. A	106– Sterile Pro...	128. B	12– Outbreak Inve...
102. C	20– Research S...	129. B	19– Qualitive Rese...
103. D	3– Education an...	130. B	122– Animal Visiti...
104. B	13– Use of Stati...	131. C	13– Use of Statisti...
105. B	16– Quality Con...	132. D	117– Public Health
106. D	NA	133. D	25– Laboratory Te...
107. A	39– Dialysis	134. A	1– Infection Preve...
108. C	48– Ambulator...	135. C	39– Dialysis

PRACTICE EXAM 2 ASSESSMENT

Category	Total Questions	Number Incorrect	Number Correct	Percent Correct
Identification of Infectious Disease Processes	22			
Surveillance and Epidemiologic Investigation	24			
Preventing/Controlling the Transmission of Infectious Agents	25			
Employee/Occupational Health	11			
Management and Communication	13			
Education and Research	11			
Environment of Care	14			
Cleaning, Sterilization, Disinfection and Asepsis	15			
Total	135			

PRACTICE EXAM 3 QUESTIONS

Certification Study Guide 6th Edition, pp. 389-428 (135 questions)

1.	28.	55.	82.	109.
2.	29.	56.	83.	110.
3.	30.	57.	84.	111.
4.	31.	58.	85.	112.
5.	32.	59.	86.	113.
6.	33.	60.	87.	114.
7.	34.	61.	88.	115.
8.	35.	62.	89.	116.
9.	36.	63.	90.	117.
10.	37.	64.	91.	118.
11.	38.	65.	92.	119.
12.	39.	66.	93.	120.
13.	40.	67.	94.	121.
14.	41.	68.	95.	122.
15.	42.	69.	96.	123.
16.	43.	70.	97.	124.
17.	44.	71.	98.	125.
18.	45.	72.	99.	126.
19.	46.	73.	100.	127.
20.	47.	74.	101.	128.
21.	48.	75.	102.	129.
22.	49.	76.	103.	130.
23.	50.	77.	104.	131.
24.	51.	78.	105.	132.
25.	52.	79.	106.	133.
26.	53.	80.	107.	134.
27.	54.	81.	108.	135.

ANSWERS AND RATIONALES

Certification Study Guide 6th Edition, pp. 429-473

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PRACTICE EXAM 3

ANSWERS AND CORRESPONDING CHAPTERS

1. A	26– Antimicrob...	28. C	16– Quality Con...	55. A	101– Occupational...
2. C	10– General P...	29. D	106– Sterile Pro...	56. A	13– Use of Statistic...
3. A	16– Quality Con...	30. D	7– Product Eval...	57. B	20– Research Stu...
4. D	12– Outbreak I...	31. D	7– Product Eval...	58. D	107– Environme...
5. D	72– <i>C.diff</i>	32. A	31– Cleaning, Di...	59. B	32– Reprocessing...
6. B	74– Central Ner...	33. C	99– Parasites	60. D	66– Rehabilitation...
7. D	9– Streptococci	34. D	107– Environme...	61. D	1– Infection Preve...
8. A	13– Use of Stati...	35. A	100– Occupatio...	62. D	32– Reprocessing...
9. A	55– Endoscopy	36. A	107– Environme...	63. B	107– Environme...
10. C	16– Quality Con...	37. D	107– Environme...	64. A	74 & 9
11. B	11– Surveillance...	38. B	39– Dialysis	65. C	101– Occupational...
12. C	93– Staphylococci	39. A	107– Environme...	66. A	19– Patient Safety
13. B	21– Risk Factor...	40. C	29– Isolation Pr...	67. C	14– Process Contr...
14. B	80 & 100	41. A	3– Education an...	68. A	23– The Immunoc...
15. C	31– Cleaning, D...	42. C	11– Surveillance...	69. A	3– Education and...
16. D	20 & 19	43. C	107– Environme...	70. A	13– Use of Stati...
17. B	109– Nutrition...	44. A	NA	71. C	120– Infectious Di...
18. B	13– Use of Stati...	45. B	107– Environme...	72. B	11– Surveillance...
19. C	111– Laundry, P...	46. A	11– Surveillance...	73. D	32– Reprocessing...
20. D	87– <i>Neisseria</i> ...	47. B	39– Dialysis	74. C	NA
21. B	117– Constructi...	48. D	3– Education an...	75. A	120– Infectious Di...
22. A	117– Constructi...	49. A	13– Use of Stat...	76. B	95-TB
23. C	83– Foodborne...	50. A	103 & 120	77. D	13– Use of Stati...
24. C	95-TB	51. B	4– Accrediting a...	78. B	2– Competency....
25. B	107– Environme...	52. C	107– Environme...	79. C	123– Body Piercin...
26. C	13– Use of Stati...	53. B	NA	80. D	NA
27. D	106– Sterile Pro...	54. D	73– CJD	81. A	116-Construction...

PRACTICE EXAM 3

ANSWERS AND CORRESPONDING CHAPTERS

82. D	1– Infection Pre...	109. A	NA
83. A	NA	110. D	105– Minimizin...
84. C	116–Constructio...	111. A	21– Risk Factors...
85. A	24– Microbiol...	112. C	24– Microbiol...
86. C	94– Streptococci	113. C	13– Use of Stati...
87. B	24– Microbiol...	114. B	39–Dialysis
88. D	25– Laboratory...	115. B	25– Laboratory T...
89. D	100– Occupatio..	116. C	18– Patient Safety
90. B	110– Pharmacy...	117. C	NA
91. B	13– Use of Stati...	118. D	3– Education and...
92. A	39– Dialysis	119. A	13– Use of Statisti...
93. A	30– Aseptic Tec...	120. B	18– Patient Safety
94. C	13– Use of Stati...	121. A	81– HIV/AIDS
95. C	NA	122. A	11–Surveillance...
96. B	34– Intravascul...	123. A	26– Antimicrobial...
97. B	19– Qualitative...	124. B	13– Use of Statisti...
98. C	37– Surgical S...	125. A	5– Infection Prev...
99. D	33– UTI	126. B	103– Immunizatio...
100. B	97– Viral Hepa...	127. B	12– Outbreak Inv...
101. A	105– Minimizin...	128. D	41– Neonates
102. D	14– Process C...	129. D	86– Measles, Mu...
103. C	86– Measles, M...	130. B	3– Education and...
104. C	11–Surveillance...	131. B	20– Research Stu...
105. B	116–Constructio...	132. A	106– Sterile Proce...
106. D	5– Infection P...	133. C	86– Measles, Mu...
107. A	10– General P...	134. A	34– Intravascul...
108. C	106– Sterile Pr...	135. D	NA

PRACTICE EXAM 3 ASSESSMENT

Category	Total Questions	Number Incorrect	Number Correct	Percent Correct
Identification of Infectious Disease Processes	22			
Surveillance and Epidemiologic Investigation	24			
Preventing/Controlling the Transmission of Infectious Agents	25			
Employee/Occupational Health	11			
Management and Communication	13			
Education and Research	11			
Environment of Care	14			
Cleaning, Sterilization, Disinfection and Asepsis	15			
Total	135			

Thank you for utilizing the Certification in Infection Prevention and Control Study Plan and Workbook

Please take a few minutes to complete the CIC Study Plan and Workbook Validation Survey. This survey is meant to assess how helpful this document is when preparing for the CIC Exam. The survey has a total of six questions and should not take longer than five minutes to complete. If you have any questions, please contact me at Luz.Caicedo@flhealth.gov

<https://www.surveymonkey.com/r/6P728FB>



