Candidate Study Guide for the Illinois Emergency Medical Technician (EMT) Licensure Examination

The following information is intended to help you prepare for the Illinois Emergency Medical Technician (EMT) Licensure Examination. Part I of this study guide contains general information about the profession and testing procedures and instructions for scheduling a test. Part II provides a content outline, lists the competencies covered in the examination, and identifies reference materials that support this examination. Part III describes testing procedures on the day of the examination. Part IV includes sample questions to help you prepare for this test.

Part I General Information

PURPOSE OF THE EXAMINATION

This examination has been developed in collaboration with Illinois Department of Public Health (IDPH) and representatives of the 11 Illinois Emergency Medical Service regions. EMT licensure is granted only to candidates who demonstrate sufficient knowledge of the U.S. Department of Transportation National Standard Curriculum for EMT as approved by IDPH.

TEST VALIDITY

The time limit for this examination is 2½ hours. This examination has been developed to meet strict standards of test fairness and validity to protect the health and safety of the public.

PHOTO ID

Each candidate must present a current and valid photo ID to be admitted to any of these examinations. Only a valid Driver’s License, Secretary of State ID card, consulate ID or current passport is acceptable as photographic identification. If the name on the photo ID does not match the name on the scheduled appointment, proof of legal name change also must be presented before the candidate can be admitted to an examination.

SPECIAL ACCOMMODATIONS

Any candidate who needs special accommodations in test-taking procedures because of a disabling condition must communicate that need in writing with his or her application. No accommodations can be arranged on the day of a test.

SCORING THE EXAMINATION

Candidates who pass this examination with a score of 70 or higher may apply for a license as an EMT from the Illinois Department of Public Health.

MISSING AN EXAMINATION

There are no "make-up" examinations. You may re-register when you receive your score report from CTS stating “consent” and pay any additional required fees.

RE-EXAMINATION

Candidates who fail the test receive information to help them identify content areas on which they need to improve their performance to pass on a subsequent attempt. Candidates must register to take the test again through the resource hospital associated with their EMT training program.

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SCHEDULING

After CTS approves your application, you must schedule a test date within 90 days at one of the approved PSI Test Centers. You may do so by using PSI’s online system at www.psiexams.com or by calling PSI at 1-800-733-9267. All regular testing appointments must be scheduled at least two business days prior to the desired test date. You must reapply and pay a new test fee if you do not test within the 90-day window.

PSI Test Centers in Chicago and Springfield plus centers in Carbondale, Champaign, East Peoria, Evansville, IN, Galesburg, and Glen Ellyn are proctored onsite. The remaining locations use remotely proctored testing stations that monitor candidates with three digital cameras, an on-screen chat window and a microphone. Proctors in these locations communicate with candidates on-screen during the test and pause the exam whenever unauthorized persons or activity appear on any of the three video recordings or in audio picked up by built-in sensitive microphones. The proctor will pause the exam whenever a candidate leaves the testing station or an interruption occurs. If the reason for the interruption is not confirmed as an emergency, the test will end. All other rules are the same for examinations in on-site proctored and remotely proctored locations. Each test remotely proctored station also is equipped with noise-cancelling headphones to help candidates screen out distractions if they wish to use them.

Directions and other information about each test location appear later in this study guide and are available on the PSI website.
Instructions for scheduling a test using PSI’s 800 number

PSI provides an automated system to schedule your test via the telephone without having to speak with a Customer Service Registrar.

1. Call 800-733-9267, then Press 5
2. Stay on the line until the you hear the system begin (about 30 seconds)
3. You will be asked what you want to do: schedule, confirm, or retake a test
4. You will be asked if you know your ID# (this is your social security number)
5. The system will find your record and confirm the first few letters of your last name
6. The system will confirm the test
7. You will be asked what you want to do: schedule or request a bulletin
8. The system will use your zip code to find the closest test center
9. You will be given the closest test center
10. You will be given the available dates and times when you could take the test
11. You will select the date and time and the system will schedule you
12. You will be emailed a confirmation including the date and time of your testing appointment; the email includes directions to the PSI Test Center

If you prefer to speak to a Customer Service Registrar, they are available Monday through Friday, between 6:30 am and 7:00 pm and Saturday, between 10:00 am and 4:00 pm, Central Time.

• Call 800-733-9267, Select 5, then select * (star).
• A PSI staff member will answer to help you schedule your CTS exam.

Instructions for scheduling a test online at www.psiexams.com


If you are a new user at PSI, click on “Create an Account”.

If you have already created an account in the PSI system, type in your email address and password.

**VERY IMPORTANT STEP** You must enter your email address, your password and the spelling of your name in these screens EXACTLY as you have submitted them on your application to CTS because that is what CTS sent to PSI.
2. If you already have an account in the PSI system, check the box “Check here to attempt to locate existing records for you in the system”.

3. Complete the following steps as shown below.

Select Government/State Licensing Agencies under Select Organization.

Select Illinois in Select Jurisdiction.

Select IL Department of Public Health in the box marked Select Account.

Enter your Social Security Number.

Click on Submit.
4. You are now ready to schedule. Click on Schedule for a test.

5. Enter your zip code or the city where you live. Click on the Search button.

You will see a list of the testing sites, starting with the one that is closest to you. Select the Test center you prefer from the list, then click on Continue. If you want to select a center that is not shown, enter the name of the city or the zip code where that test center is located.
6. You will now see a list of available test dates and times based on your eligibility expiration date. Click on the date and time of your choice and select Schedule.

<table>
<thead>
<tr>
<th>Test Center</th>
<th>Available Date</th>
<th>Start Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHICAGO (ROOM A), Illinois</td>
<td>08/17/2013</td>
<td>8:30 AM</td>
</tr>
<tr>
<td>CHICAGO (ROOM A), Illinois</td>
<td>09/03/2013</td>
<td>12:30 PM</td>
</tr>
<tr>
<td>CHICAGO (ROOM A), Illinois</td>
<td>09/03/2013</td>
<td>3:00 PM</td>
</tr>
</tbody>
</table>

- If there are no dates available, please call 800-733-9267 for assistance.

7. A confirmation will appear that you can print by clicking on the Print Details button. This message also includes directions to the test center.

8. You also will receive an email from PSI to confirm the test center, date and time you have selected to take your test.
9. A map to help you locate the test center also is available on the PSI website under Information Links.

**Information**

<table>
<thead>
<tr>
<th>Select Jurisdiction</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Account</td>
<td>ILLINOIS DEPARTMENT OF PUBLIC HEALTH</td>
</tr>
</tbody>
</table>

**Classification**

- IL Emergency Medical Technician (EMT)
- IL Emergency Medical Technician - Intermediate (EMT-I)
- IL Paramedic
- IL Trauma Nurse Specialist (TNS)

**Information Links**

- Click Here for directions to the PSI Test Center on Michigan Avenue in Chicago.
- Click Here for directions to the PSI Test Center in Springfield.
- Click Here for directions to the PSI Test Center at AICU-Uptown in Chicago.
- Click Here for directions to the PSI Test Center at the College of DuPage Westmont Center.
- Click Here for directions to the PSI Test Center at the Carl Sandburg College, Galesburg.
- Click Here for directions to the PSI Test Center at SIU-Carbondale.

**PSI CONFIRMS BY EMAIL**

PSI sends each candidate an email to confirm the date and time of his/her testing appointment; the email includes directions to the PSI Test Center.

**RESCHEDULING**

A testing appointment may be rescheduled up to two business days before the scheduled test date. Candidates who fail this examination must reapply after complying with the requirements for retesting based on the number of their prior attempts.

**MISSING AN APPOINTMENT**

Candidates who miss a testing appointment forfeit all fees and must reapply before they are eligible to schedule a new test date.

**TEST SCORES**

Candidates at on-site proctored test centers will receive an unofficial score report before they leave the PSI Test Center. Candidates in all other test centers will see their results on-screen at the end of the test. *None of these score reports can be used to apply for a license or certificate.* All candidates will receive their official score reports from CTS by mail after their test date. Candidates who pass will receive an application to apply for licensure with their CTS score report. Candidates who fail will receive a diagnostic report in their CTS score report indicating content areas in which they need to improve their scores.
MAPS TO PSI TEST CENTERS WITH ON-SITE PROCTORING

A larger version each map is available on the PSI website under Information Links.

PSI Test Center, Chicago

PSI Test Center, Springfield

College of DuPage, Glen Ellyn
Illinois Central College, East Peoria

Test Center is Room L220 in the Library & Administration Building

Ivy Technical Community College
3501 N. 1st Avenue, Evansville, IN

Testing is in the Workforce Certification & Assessment Center
DIRECTIONS TO REMOTELY PROCTORED TEST LOCATIONS

These test center locations are subject to change. Check the PSI website for current details.

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Medical Transport Peoria</td>
<td>Advanced Medical Transport is located just south of Nebraska Avenue on Sterling Avenue in Peoria. A receptionist will direct candidates to the testing station.</td>
</tr>
<tr>
<td>1718 North Sterling Avenue</td>
<td></td>
</tr>
<tr>
<td>American Social Services of Uptown</td>
<td>ASSU is located at Peterson and California. Parking is available in the private lot behind the building or on the street (metered parking). ASSU also is served by the CTA 93 California/Dodge and 84 Peterson busses.</td>
</tr>
<tr>
<td>2800 West Peterson Street</td>
<td></td>
</tr>
<tr>
<td>Chicago, IL 60659</td>
<td></td>
</tr>
<tr>
<td>Chicago State University</td>
<td>Chicago State University is located at 9501 South Martin Luther King Drive in Chicago. Testing is on 2nd floor of new Library building in Room 201. Parking on campus for $5. Nearest CTS Station: 0.6 miles from 95th Street Station on Red Line, with numerous bus routes to campus.</td>
</tr>
<tr>
<td>9501 S. Martin Luther King Drive Library Building, 2nd Floor, Room 201</td>
<td></td>
</tr>
<tr>
<td>Chicago, IL</td>
<td></td>
</tr>
<tr>
<td>College of DuPage – Bloomingdale Center</td>
<td>The College of DuPage Bloomingdale Center is in Town Square Shopping Center south of Lake Street at Schick and Bloomingdale Roads.</td>
</tr>
<tr>
<td>Town Square of Bloomingdale 162 S. Bloomingdale Road</td>
<td></td>
</tr>
<tr>
<td>College of DuPage – Westmont</td>
<td>Enter the College of DuPage Westmont Center by turning north onto Pasquinelli Drive off Ogden. Center entrance is immediately north of the bank.</td>
</tr>
<tr>
<td>650 Pasquenelli Drive</td>
<td></td>
</tr>
<tr>
<td>Westmont, IL</td>
<td></td>
</tr>
<tr>
<td>College of DuPage – Naperville Regional Center</td>
<td>The College of DuPage Naperville Regional Center is on Rickert Drive. Turn north onto Rickert Drive from 75th Street two miles west of Washington Street. From Route 59, drive east on 75th Street to Richert.</td>
</tr>
<tr>
<td>1233 Richert Drive</td>
<td></td>
</tr>
<tr>
<td>Naperville, IL</td>
<td></td>
</tr>
<tr>
<td>College of Lake County – Grayslake</td>
<td>The Testing Center is in the main library on the first floor of the Grayslake campus.</td>
</tr>
<tr>
<td>19351 West Washington Street</td>
<td></td>
</tr>
<tr>
<td>College of Lake County – Waukegan</td>
<td>Take Belvidere (Route 120), Grand or Washington east to Genesee Street. The CLC Lakeshore Campus is on Genesee north of Washington and west of Sheridan Road.</td>
</tr>
<tr>
<td>33 N. Genesee Street</td>
<td></td>
</tr>
<tr>
<td>Second Floor, Room N203</td>
<td></td>
</tr>
<tr>
<td>F&amp;R Services, Ferguson, MO</td>
<td>Exit I-70 to Florissant Road in Cool Valley. Follow Flourissant Road to Church Street in Ferguson.</td>
</tr>
<tr>
<td>119 Church, Suite #223</td>
<td></td>
</tr>
<tr>
<td>Global Knowledge – Schaumburg</td>
<td>McConnor Parkway is located north of Woodfield Mall between Golf Road and I-90 east of Meacham Road.</td>
</tr>
<tr>
<td>1500 McConnor Parkway, Suite 500</td>
<td></td>
</tr>
<tr>
<td>Harper College Professional Center, Schaumburg</td>
<td>Harper Professional Center is located just west of Plum Grove Road on Higgins Road. Woodfield Mall is about two miles northeast of the Harper Professional Center at Golf and Meacham Roads.</td>
</tr>
<tr>
<td>650 East Higgins Road, Suite 9S</td>
<td></td>
</tr>
<tr>
<td>Institution</td>
<td>Address</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Illinois State University – Normal</strong></td>
<td>Fell Hall 396, 100 North University Street</td>
</tr>
<tr>
<td><strong>Joliet Junior College – Joliet</strong></td>
<td>1215 Houbolt Road Academic Skills Center</td>
</tr>
<tr>
<td><strong>Millennium Center, Rockford</strong></td>
<td>220 South Madison, Room 210 Rockford, IL</td>
</tr>
<tr>
<td><strong>New Horizons – O’Fallon</strong></td>
<td>1476 N. Green Mount Road Suite 300</td>
</tr>
<tr>
<td><strong>Oakton College – Skokie</strong></td>
<td>7701 Lincoln Ave, Room A135</td>
</tr>
<tr>
<td><strong>Prairie State College – Chicago Heights</strong></td>
<td>202 S. Halsted Street Adult Training and Outreach Center (ATOC), Room 146 Chicago Heights, IL</td>
</tr>
<tr>
<td><strong>Real Estate Institute – Niles</strong></td>
<td>6203 W. Howard Street</td>
</tr>
<tr>
<td><strong>Rend Lake College Marketplace Campus</strong></td>
<td>Mount Vernon 321 Potomac Blvd.</td>
</tr>
<tr>
<td><strong>Rincon Center</strong></td>
<td>3710 N. Kedzie Chicago, IL</td>
</tr>
<tr>
<td><strong>South Suburban College</strong></td>
<td>16333 S. Kilbourn Avenue, Room 5130 Oak Forest, IL</td>
</tr>
</tbody>
</table>
Part II Test Content Outline

This examination was developed in collaboration with a committee of representatives of the 11 Illinois Emergency Medical Service regions and staff from the Illinois Department of Public Health. Content areas on the test are outlined below. The examination reflects the U.S. Department of Transportation National Standard Curriculum for EMT as adapted and approved by the Illinois Department of Public Health.

Emergency Medical Technician (EMT)

1. **Preparation and Operations**  
   (18 questions)  
   A. EMS Systems & Research  
   B. Safety & Wellness  
   C. Documentation  
   D. System & Therapeutic Communications  
   E. Medical, legal & ethical issues  
   F. Multiple & Mass Casualties

2. **Pharmacology**  
   (7 questions)  
   A. Pharmacology Principles  
   B. Medication Administration

3. **Airway Management, Ventilation and Oxygen Therapy**  
   (12 questions)  
   A. Airway Management  
   B. Physiology of Respiration  
   C. Artificial Ventilation

4. **Patient Assessment**  
   (14 questions)  
   A. Scene Size-up  
   B. Primary Assessment  
   C. History Taking  
   D. Secondary Assessment  
   E. Reassessment  
   F. Monitoring Devices

5. **Medical Emergencies**  
   (40 questions)  
   A. Neurology  
   B. Abdominal Disorders  
   C. Immunology  
   D. Infectious Diseases  
   E. Endocrine Disorders  
   F. Psychiatric Disorders  
   G. Cardiovascular Disorders  
   H. Toxicology  
   I. Respiratory Emergencies  
   J. Hematology  
   K. GI/Renal  
   L. Gynecology
6. **Shock & Resuscitation** (5 questions)
   A. Shock & Hemorrhage Management

7. **Trauma** (33 questions)
   A. Trauma Assessment
   B. Bleeding
   C. Chest Trauma
   D. Abdominal & GU Trauma
   E. Orthopedic Trauma
   F. Injuries to the Head, Neck, Face & Spine
   G. Nervous System Trauma
   H. Environmental Trauma
   I. Multi-System Trauma

8. **Special Populations** (17 questions)
   A. Pregnancy/Obstetrics
   B. Neonatal Care
   C. Pediatrics
   D. Geriatrics
   E. Special Challenges

**Recommended Study Materials**

The following references support questions on this examination. These books may be available in public and academic libraries. They also are available from retail stores or online. All candidates should prepare for this examination by studying one or more of these references.


**Medications List for EMT-B from US DOT Curriculum**

- Albuterol (patient assist in using MDI)
- Epinephrine (Epi Pen) for adults and children for application in treatment of allergic reactions and anaphylaxis
- Nitroglycerin (patient assist)
The following abbreviations may appear in the EMT-Basic Examinations.

- **ABCs**: airway, breathing/ventilation, circulatory status
- **ADA**: Americans with Disabilities Act
- **AED**: automated external defibrillator
- **AIDS**: acquired immune deficiency syndrome
- **ALS**: Advanced Life Support
- **APGAR**: appearance, pulse, grimace, activity, respirations
- **ANSI**: American National Standards Institute
- **AVPU**: Mental status responsiveness check: alert, responds to verbal or painful stimuli, unresponsive
- **BLS**: Basic Life Support
- **BP or B/P**: blood pressure
- **BPM**: beats per minute
- **BSI**: body substance isolation
- **BVM**: bag valve mask
- **cc**: cubic centimeter
- **c-collar**: cervical collar
- **CDC**: Center for Disease Control
- **CHEMTREC**: Chemical Transportation Emergency Center
- **CISD**: critical incident stress debriefing
- **c-spine**: cervical spine
- **cm**: centimeter
- **c/o**: complains of or complaining of
- **CO**: carbon monoxide
- **CO₂**: carbon dioxide
- **COBRA**: Consolidated Omnibus Budget Reconciliation Act (federal legislation providing for EMTALA and continuation of health insurance)
- **COPD**: chronic obstructive pulmonary disease
- **CPR**: cardiopulmonary resuscitation
- **CQI**: continuous quality improvement
- **D₅W**: 5% dextrose in water
- **DCAP-BTLS**: deformities, contusions, abrasions, punctures/penetrations, burns, tenderness, lacerations, swelling
- **DCFS**: Department of Children and Family Services
- **dl or dL**: deciliter
- **DNR**: do not resuscitate
- **DOT**: Department of Transportation
- **ED**: emergency department
- **EMD**: emergency medical dispatcher
- **EMS**: Emergency Medical Services
- **ER**: emergency room
- **°F**: degrees Fahrenheit
- **GCS**: Glasgow Coma Score
- **gtts/min**: drops per minute
- **Hazmat**: hazardous materials
- **HEPA mask**: high efficiency particulate airborne mask
- **HIPAA**: Health Insurance Portability and Accountability Act
- **HIV**: human immunodeficiency virus
- **HR**: heart rate
Abbreviations (continued)

ICS  incident command system
IMS  incident management system
IV   intravenous
J    joules
KED  Kendrick extrication device
kg   kilogram
L    liter
lbs  pounds
L/min or lpm  liters per minute
MCI  multiple casualty incident
mg   milligram
min  minute
mL or ml  milliliters
mmHG millimeters of mercury
MSDS Material Safety Data Sheet
MVC motor vehicle collision or crash
NFPA National Fire Protection Association
NRM non-rebreather mask
O2   oxygen
OB   obstetric
OPA  oropharyngeal airway
OPQRST  onset, provokes, quality, radiation, severity, time
OSHA Occupational Health and Safety Administration
P    pulse
PASG pneumatic anti-shock garment
PCR patient care report
Peds pediatrics
PERRL pupils equal and round, regular in size, react to light
pH   partial pressure of hydrogen (hydrogen ion concentration)
PPE  personal protective equipment
psi  pounds per square inch
R    respirations
RR   respiratory rate
Rule of nines  Each 9%  Whole head, chest, abdomen, anterior each leg, posterior each leg, upper back, lower back/buttocks, whole arm
              1%  Perineum
SAMPLE symptoms, allergies, medications, past medical history, last oral intake, events surrounding the incident
SCBA self-contained breathing apparatus
SIDS sudden death infant syndrome
START simple triage and rapid treatment
TB   tuberculosis
TIA  transient ischemic attack
VS   vital signs
y/o  year old
Part III  Testing Procedures

YOU WILL NOT BE ALLOWED TO TAKE THE EXAM IF YOU DO NOT HAVE ONE OF THESE FORMS OF ID. ALL CANDIDATE IDS ARE SUBJECT TO SECURITY SCREENING TO VERIFY THEIR AUTHENTICITY.

- A valid US Driver’s License or State ID issued by one of the 50 states or US Territories.
- A valid US Passport or Military Active Duty ID.
- A valid consular ID

All candidates must agree to abide by PSI Test Center Rules:

- Video monitoring of each candidate occurs throughout the test.
- Video tapes may be reviewed if suspicious behavior occurs during a test.
- Name and address on the candidate ID must match the CTS application and PSI candidate registration records.
- ALL NAME OR ADDRESS CHANGES MUST BE SUBMITTED TO CTS IN WRITING AT LEAST 10 DAYS BEFORE THE TESTING APPOINTMENT.

No candidate may take this test if he/she:

- Does not present required photo ID when asked
- Refuses to sign the PSI Examinee Agreement
- Does not follow all PSI Test Center rules
- Tries to use prohibited items, including but not limited to books, notes, cell phones, cameras, pagers or other electronic devices during a test
- Gives or receives help during a test or test breaks
- Tries to record or copy any test questions
- Fails to follow PSI Test Center staff instructions
- Disrupts testing for other candidates

Test Center check-in procedures include:

- Cell phones, pagers or other electronic devices are NOT PERMITTED in the testing room.
- Personal items (purses, coats, etc.) MUST be secured outside the testing room.
- A digital photograph and a digital fingerprint will be taken during check-in.
- Candidates must sign in and out of the test center for all personal breaks during testing.
- The test timer continues during any candidate’s personal breaks.

Before you start the test, you will be asked to enter your social security number. It must be identical to the social security number you submitted in your application to take this examination.
You will be required to read and agree to the security agreement before the test will begin.

PSCI SECURITY AGREEMENT FOR EXAMINATIONS

Test Center Location: _______________________________  State: _______________________________

SECURITY AGREEMENT:

I have read the following PSCI Security Agreement and consent to take the licensing examination under the conditions stated herein:

* I will not give or receive assistance while taking the test, including the use of unauthorized study material or unauthorized notes. I acknowledge that I have not taken any unauthorized study material or unauthorized notes into the testing area.
* I will maintain the confidentiality of the test.
* I will not have in my possession a cell phone, pager, or other unauthorized materials.
* I will inform the proctor when needing to use the rest room, but I understand that leaving the building at any time before completing the exam is prohibited.
* I understand that violating the confidential nature of the licensing test can result in severe civil or criminal penalties, invalidation of test scores, reports to the authorized agency.

Note: If a candidate refuses to consent to the conditions of this PSCI Security Agreement, the proctor will notify the candidate that he/she will not be authorized to take the examination. PSCI headquarters will be so informed. This form is retained as a permanent part of the candidate file.

[AGREE] [DISAGREE]

You will be asked to confirm your name, social security number and the examination for which you are registered before you can begin.

Welcome to the Test of Essential Academic Skills V (TEAS) C!

We have the following information about you:

<table>
<thead>
<tr>
<th>Name</th>
<th>PSI DEMO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candidate ID</td>
<td>211524005</td>
</tr>
<tr>
<td>Test</td>
<td>Test of Essential Academic Skills V (TEAS) C</td>
</tr>
</tbody>
</table>

If ANY of this information is not correct, please contact the Proctor immediately!

If all the information is correct you may proceed by pressing the Enter key or Click on the Enter button.

[Enter] [Back]

Before you start your examination, an introductory tutorial to the computer and keyboard will be provided on the computer screen. The time you spend on this tutorial, up to 15 minutes, DOES NOT count as part of your examination time.
Taking this examination by computer does not require any computer experience or typing skills. You will use fewer keys than you use on a touch-tone telephone. All response keys are colored and have prominent characters. An illustration of the special keyboard is shown here. You may also use the mouse.

The Keyboard:
The keyboard used for PSI's examinations is a standard keyboard, however only a few keys are actually used for the exam. You may also use the mouse.

Yellow Answer Keys
The candidate will use only the following colored keys to answer the test items. Select the key and select ENTER.

- Yellow key marked 1 for response 1.
- Yellow key marked 2 for response 2.
- Yellow key marked 3 for response 3.
- Yellow key marked 4 for response 4.
- Yellow key marked 5 for response 5.

NOTE: Use only Answer Keys 1-4 in this test.

The green ENTER (or NEXT) key enters your responses and moves you through the test.

You MUST press ENTER (or NEXT) to “record” your response.

IMPORTANT
PRESS THE ENTER KEY OR THE NEXT KEY ONCE AND RELEASE IT IMMEDIATELY. HOLDING THE ENTER KEY OR NEXT KEY DOWN MAY CAUSE YOU TO SKIP PAST ONE OR MORE QUESTIONS.
The green BACK key moves you to the previous question. Each time you press BACK, you will move backwards by one screen.

The blue MARK Key allows you to mark questions for later review. Press the MARK key again to remove the MARK. Changing an answer does not remove the MARK on a question.

The blue COMMENT Key allows you to enter comments about a question.

The yellow ERASE Key clears (erases) any response you have entered for a question.

The red HELP Key provides a brief summary of each key's functions. You can press HELP at any time.

The green GOTO Key gives you four options for viewing your test.

GOTO Option 1: VIEW ALL
VIEW ALL allows you to see all of the items on the test, starting with Question 1, one at a time. This is the default setting for the test.

GOTO Option 2: VIEW MARKED
VIEW MARKED allows you to see only those questions you have marked for review starting with the first MARKED question. You MUST press the MARK key again to remove the MARK. Changing an answer to a question does not remove the MARK.

GOTO Option 3: VIEW UNANSWERED
VIEW UNANSWERED allows you to see only those questions you have left blank, starting with the first unanswered question.

GOTO Option 4: VIEW SPECIFIC
VIEW SPECIFIC allows you to see any question you want to see by entering the question number.
Status Bar

The "status bar" at the top of the examination screen gives the status of the current test.
- "Question: 3 of 40" indicates you are on QUESTION number 3 out of a total of 40 items.
- "Answered" and "Unanswered" indicate you have ANSWERED 2 items, and there are 1 UNANWERED items.
- "Marked" means you have MARKED 0 items that you may come back to review later.
- "View" indicates all items on the test are available to you for VIEWING. (see GOTO button.)
- "Time Left" indicates how many minutes you have remaining to take this test.

PRACTICE QUESTIONS

Each candidate begins with a Test Tutorial to practice answering questions and review the computer testing process.

FUNCTION BUTTONS

The “Function Bar” at the top of the screen provides mouse-click access to the features available on the current test. These also are available by using the labeled keys on the keyboard.
ENDING THE TEST

WHEN YOU ARE READY TO END THE TEST:

- Press the green END key when you are ready to end your test.
- The time you have left to take this test will be shown.
- You will be asked TWICE to confirm that you wish to end the exam.
- You CANNOT change any answers on this test after you confirm that you are ready to end this test.

Green END Key

Are you sure that you want to END the test?
You still have 30 minutes remaining for this test.
NOTE: You CANNOT return to review or answer any questions after you END this test.

Press the “ENTER” key or click on the “ENTER” button to finish this test
Press the “BACK” key or click on the “BACK” button to return to the current test

Are you sure you want to end the test?

If you are ready to END this test;
1. Please type "YES" in the box below.
2. Press the "NEXT" key or click on the “NEXT” button to end this test.

IF YOU ARE NOT READY TO END THIS TEST, PRESS THE "BACK" KEY OR THE "BACK" BUTTON TO RETURN TO THE TEST.
SCORE REPORTS

Candidates who achieve a score below 70 will receive a preliminary report such as this at the test center. An official CTS letter will confirm their test results and provide further instructions about scheduling future attempts.

CONTINENTAL TESTING SERVICES

Score Report

JOHN MILLER
729 MAIN STREET
CHICAGO, IL  60611
SOCIAL SECURITY #:  XXX-XX-4444

EXAMINATION:  IL EMT-Intermediate

EXAMINATION DATE:  11/20/2013

OVERALL EXAMINATION RESULT:  FAIL
EXAMINATION SCORE:  66

The required passing score is an Examination Score of at least 70.
You must wait until you receive your OFFICIAL CTS results letter. It will contain further instructions on re-applying for the IL EMT-Intermediate Examination.
Candidates who achieve a score of at least 70 will receive a preliminary report such as this at the test center. An official CTS letter will confirm their test results and provide further instructions on obtaining your license.

**CONTINENTAL TESTING SERVICES**

Score Report

JOHN MILLER  
729 MAIN STREET  
CHICAGO, IL 60611  
SOCIAL SECURITY #: XXX-XX-4444

EXAMINATION: IL EMT

EXAMINATION DATE: 11/20/2013

OVERALL EXAMINATION RESULT: PASS  
EXAMINATION SCORE: 84

The required passing score is an Examination Score of at least 70. Congratulations on passing the IL EMT examination.

You must wait until you receive your **OFFICIAL CTS** results letter. It will contain further instructions on obtaining your license.

**EMT Practice Test**

CTS has developed a 100-question practice test for EMT candidates that uses questions from the EMT Item Bank. All practice test questions have been validated and are supported by the same references that support the questions on the full EMT examinations. Candidates will receive an email with instructions for taking the practice test after they complete the eligibility requirements for this examination. Each candidate is provided one free attempt on the practice test in a 12-month period. Additional attempts on the practice test also are available for $10 each.

Each practice test score report provides information about how the candidate performed in each content area on the test. Candidates who score below 70 percent in any content area may benefit from further study in those sections before they take the full 150-question EMT examination at a PSI test center.
Part IV Sample Questions

All questions on this examination are multiple-choice with one correct answer. Each question is supported by study materials cited in this bulletin. The answer key appears after these questions.

1. Which of these is the next step an EMT should complete after ensuring scene safety?
   A. Provide transport
   B. Quality assurance
   C. Provide documentation
   D. Gain access to the patient

2. Which of these refers to actions and care that are legally allowed by state law?
   A. Standard of care
   B. Scope of practice
   C. Duty to act
   D. Medical direction

3. Which of these attributes is generally **NOT** used to describe a patient’s breathing?
   A. Duration
   B. Rhythm
   C. Quality
   D. Rate

4. Which of these is the best estimate of systolic pressure when palpating the femoral pulse of a patient?
   A. At least 50 mm/Hg
   B. At least 60 mm/Hg
   C. At least 70 mm/Hg
   D. At least 80 mm/Hg

5. Which of these patients does **NOT** require administration of supplemental O\(_2\)?
   A. A 24 y/o woman who is breathing 28 times per minute after an argument with her spouse
   B. A 6 y/o child with a history of asthma whose breath sounds are silent and who is drowsy
   C. A 31 y/o male who is unresponsive due to an overdose of narcotics
   D. A 60 y/o patient with a history of COPD who cannot speak more than 2-3 words without taking another breath
6. For which of these patients is an oropharyngeal airway contraindicated?

A. A cancer patient without a valid DNR who is in cardiac arrest
B. A suspected stroke patient who has no gag response
C. An unresponsive patient with a blood sugar of 30
D. A trauma patient who is awake and responsive

7. A 4 y/o child was struck by a vehicle and is unresponsive with an apparent head injury. The EMT detects increasing resistance to ventilation with a BVM. What should the EMT do next?

A. Check the rate of ventilation.
B. Verify that the airway is open.
C. Switch to a flow-restricted oxygen-powered ventilation device.
D. Stop ventilations for one to two minutes to allow trapped air to escape.

8. Which of these is NOT part of the initial assessment?

A. Starting CPR
B. Assessing the airway
C. Splinting open fractures
D. Forming a general impression

9. Where must an Illinois EMT report suspected elder abuse?

A. The local police
B. The elder abuse hotline
C. The local states attorney
D. Emergency department staff

10. Which of these is most appropriate to communicate with a patient who does not speak English?

A. Ask for assistance from a person who can translate.
B. Speak more softly with numerous hand movements.
C. Talk slowly to help the patient understand English.
D. Don’t speak at all while administering care to the patient.

11. Why is oral glucose administered between the patient’s cheek and gum?

A. It minimizes the taste.
B. It prolongs the drug’s action.
C. It is absorbed more easily there.
D. It is easier for the patient to swallow.
12. Which of these refers to the loss of elasticity of the alveoli leading to a form of COPD?

A. Pneumonia  
B. Emphysema  
C. Chronic bronchitis  
D. Pulmonary edema

13. A 55 y/o patient c/o breathing difficulty with sudden sharp stabbing chest pain after coughing vigorously. The patient has a severe cold and a history of emphysema. VS: P 110, R 30/min and labored, BP 98/70; breath sounds are absent on the right and present on the left. What should the EMT suspect?

A. Pneumonia  
B. Chronic COPD  
C. Acute bronchitis  
D. Spontaneous pneumothorax

14. Which of these is most commonly associated with acute coronary syndrome?

A. Normal pulse and blood pressure  
B. Warm, dry, blue-tinged skin  
C. Pink, frothy sputum  
D. Chest discomfort or pain

15. Which blood glucose value is consistent with hypoglycemia?

A. 60  
B. 90  
C. 100  
D. 150

16. Which of these indicates severe hypothermia?

A. The patient shivers intensely.  
B. The patient is no longer shivering.  
C. The patient complains of chest pain.  
D. The patient complains of intense limb pain and tingling.

17. Which of these is **LEAST** likely to cause behavioral emergencies?

A. Hypoxia  
B. Hypoglycemia  
C. Hyperglycemia  
D. Drugs or alcohol
18. What does meconium in the amniotic fluid indicate?

A. The neonate may be in distress.
B. Postpartum hemorrhage is likely.
C. A precipitous delivery may occur.
D. The delivery is progressing normally.

19. When should an APGAR assessment be completed on a newborn?

A. 1 and 10 minutes after delivery
B. 5 and 10 minutes after delivery
C. 3 and 6 minutes after delivery
D. 1 and 5 minutes after delivery

20. A patient presents with abdominal pain after falling from a third-floor window. VS: BP 84/60, P 110, RR 32. The EMT should suspect which stage of shock?

A. Irreversible
B. Retractable
C. Compensated
D. Decompensated

21. A conscious adult patient presents with red, painful skin on the entire back and the entire posterior of both legs after a day at the beach. Using the Rule of Nines, how much of the body surface area is burned?

A. 27%
B. 36%
C. 45%
D. 54%

22. Which of these is NOT a common complication of bone fractures?

A. Swelling
B. Hemorrhage
C. Osteoporosis
D. Nerve damage

23. Which of these should be included in the usual treatment for head injuries?

A. Apply the PASG to increase perfusion to the brain.
B. Transport the patient in the Trendelenburg position to treat for shock.
C. Administer high-concentration O₂ to help reduce brain tissue swelling.
D. Hyperventilate the patient to blow off CO₂ and restore brain cell function.
24. Which of these is an indication for leaving a helmet in place on a patient?
   A. The helmet fits snugly.
   B. The helmet is fitted improperly.
   C. The helmet interferes with immobilization.
   D. The helmet interferes with access to the airway.

25. Which of these most accurately describes a patient with two or more adjacent ribs fractured in two or more places?
   A. Tension pneumothorax
   B. Pneumothorax
   C. Flail segment
   D. Hemothorax

26. Which of these is NOT among the ways that infants and children differ from adults?
   A. The child has a proportionally larger head than an adult.
   B. Children have a larger total circulating blood volume than adults.
   C. Infants have proportionally larger tongues than adults.
   D. The child has a larger body surface to mass ratio than adults.

27. Which of these is the most common cause of cardiopulmonary arrest among children?
   A. Respiratory arrest
   B. Poisoning
   C. Seizures
   D. Sepsis

28. Which of these biological agents would lead to nausea, vomiting and "food poisoning" symptoms?
   A. Ricin
   B. Anthrax
   C. Botulism
   D. Salmonella

Answers for EMT Sample Questions