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

The following information is intended to help you prepare for the Illinois Emergency Medical Technician- Intermediate (EMT-I) Licensure Examination. Part I of this study guide contains general information about the profession and testing procedures. Part II provides a content outline, lists the competencies covered in the examination, and identifies reference materials that support this examination. Part III 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 EMS regions. EMT-I licensure is granted only to candidates who demonstrate sufficient knowledge of the U.S. Department of Transportation National Standard Curriculum for EMT-I 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 an examination. Only a valid Driver's License, Secretary of State ID card, consular 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 and meet licensing criteria will receive their license as an EMT-I from IDPH.

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 for licensure will 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. Candidates are limited to three (3) attempts within one (1) year after completing the EMT-I education program.

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SCHEDULING

After CTS approves your application, you must schedule a test date **within 90 days** at an approved PSI Test Center. You may schedule a test using PSI’s online system at [www.psiexams.com](http://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.

**Locations of Approved PSI Centers**

Testing locations are subject to change.

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

Directions and other information about each test location follow and are available on the PSI website. Testing locations are subject to change. Candidates should verify the location of each test center in their admission notice after they schedule an examination.
Remotely proctored test centers are indicated. All others are proctored by on-site personnel.

<table>
<thead>
<tr>
<th>City/State</th>
<th>Address</th>
<th>Driving Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbondale, IL</td>
<td>Southern Illinois University, 605 Agriculture Dr., MC 4722 Room 781 (7th floor)</td>
<td>Morris Library is in the center of campus. More information about parking for the new center in Morris Library is available online at <a href="http://lib.siu.edu/directions">http://lib.siu.edu/directions</a>.</td>
</tr>
<tr>
<td>Champaign, IL</td>
<td>Parkland College 2400 W Bradley Ave, U203</td>
<td>From I-72 East, take N Country Fair Drive. Turn left onto W Bradley Ave. RM U203</td>
</tr>
<tr>
<td>Chicago, IL</td>
<td>PSI Chicago 332 S. Michigan Avenue Suite 410</td>
<td>Take US-41S which becomes I-94E. Take the W Jackson Blvd exit (51F). Turn left on W Jackson Blvd. Turn right on S Michigan Ave.</td>
</tr>
<tr>
<td>Chicago, IL</td>
<td>Chicago State University, 9501 S. Martin Luther King Drive</td>
<td><strong>One remotely proctored test station.</strong> Chicago State University is located at 9501 South Martin Luther King Drive in Chicago. The testing station is located in Room 202 on the 2nd floor Quiet Study Area of the New Library. Park on campus for $5. Nearest CTS Station: 0.6 miles from 95th Street Station on Red Line; numerous bus routes to campus.</td>
</tr>
<tr>
<td>Chicago Heights, IL</td>
<td>Prairie State College 202 S. Halsted Street Room 3211</td>
<td><strong>One remotely proctored test station.</strong> Prairie State College is located at South Halsted Street and Vollmer Road in Chicago Heights. The campus is about three miles south of Interstate 80 on Halsted. Testing is in room 3211 of the main building</td>
</tr>
<tr>
<td>Galesburg, IL</td>
<td>Carl Sandburg College 2400 Tom L Wilson Blvd</td>
<td>Exit Interstate 74 onto Hwy 34 West (toward Monmouth). Proceed to Hwy 150 West (Carl Sandburg College Exit toward Alpha). Turn left at stoplight onto South Lake Storey Road. 1 mile to CSC entrance on the left. The entrance to Carl Sandburg College will be to your left. Turn left onto Tom L. Wilson Blvd. Upon entering campus from Lake Storey Rd, turn right at the electronic marquee sign. Enter the door with the large B above it. Once in the lobby, turn right and go through glass door. The Testing Center check-in is immediately located to the right in room B-07.</td>
</tr>
<tr>
<td>Niles, IL</td>
<td>Real Estate Institute 6203 W Howard Street Exam Room</td>
<td>Two remotely proctored test stations. REI is located at the corner of Howard Street and Merrimac Avenue in Niles, between Caldwell and Lehigh.</td>
</tr>
<tr>
<td>Oak Forest, IL</td>
<td>South Suburban College - Oak Forest Center 16333 S. Kilbourn Avenue, Room 5130</td>
<td>One remotely proctored test station. Exit I-57 on 167 East to Kilbourn Avenue. Turn left on Kilbourn and drive three blocks to South Suburban College campus. Park in front of building. The campus also is served by bus routes 364-159th Street and 354 Harvey-Oak Forest Loop.</td>
</tr>
<tr>
<td>Rockford, IL</td>
<td>ROCKFORD OSF Center For Health, 5510 E. State St, Room 284 (back of the building)</td>
<td>One remotely proctored test station. From I-90 W, take the US-20 Bus/State St exit. Merge onto US-20 Bus W/E State St toward Rockford. The building is on the righthand side after passing the main hospital.</td>
</tr>
<tr>
<td>Schaumburg, IL</td>
<td>Schaumburg - Harper College Professional Center, 650 E. Higgins Road Suite 2W</td>
<td>Two remotely proctored test stations. North side of Higgins Rd, between Roselle and Plum Grove, just west of the McDonalds. When you enter the drive, turn right and park. Our new Suite 2W is on the northeast end of the building.</td>
</tr>
</tbody>
</table>
Remotely proctored test centers are indicated. All others are proctored by on-site personnel.

<table>
<thead>
<tr>
<th>City/State</th>
<th>Address</th>
<th>Driving Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skokie, Illinois</td>
<td>Oakton Community College 7701 North Lincoln Avenue Room A135</td>
<td><strong>One remotely proctored test station.</strong> Oakton Colleges Skokie campus is between Howard and Niles Center Road on Lincoln in Skokie. Park in student lot in front of campus. Test center is Room A135.</td>
</tr>
<tr>
<td>Springfield, Illinois</td>
<td>PSI Springfield 3223 South Meadowbrook Road, Suite B</td>
<td>Follow I-55 south to I-72 toward Jacksonville, exit at IL 4 (Veterans Parkway) and go north to Wabash and turn Left on Wabash and then Left again on S. Meadowbrook Rd.</td>
</tr>
</tbody>
</table>

**COLLEGE OF DUPAGE TEST CENTERS (4)**

<table>
<thead>
<tr>
<th>City/State</th>
<th>Address</th>
<th>Driving Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carol Stream, Illinois</td>
<td>College of DuPage Carol Stream Campus 500 N Kuhn Road</td>
<td><strong>One remotely proctored test station.</strong> Center is on the west side of Kuhn Rd, north of North Ave and south of Lies Rd. From North or South: Exit from I-355 at Route 64/North Ave, and head west to Kuhn Rd (second stoplight past Gary Ave.) Turn right on Kuhn Rd north to the center on the west side of the street. From East or West: Exit from I-88 at Route 59 and go north to Route 64/North Ave. Turn right on Route 64/North Ave heading east to Kuhn Rd (next stoplight past County Farm Rd). Turn left heading north to the center located on the west side of the street. The center is also accessible from I-88 via I-355 North. Follow north/south directions above after exiting from I-88 to I-355 North.</td>
</tr>
<tr>
<td>Glen Ellyn, Illinois</td>
<td>College of DuPage Glen Ellyn Campus 425 Fawell Blvd, BIC 2A08</td>
<td>Enter the College of DuPage Main Campus on Fawell Blvd. Enter the Student Services Center (SSC) Building. Please go to the Berg Instructional Center (BIC) Specialized Testing Services - Room 2A08. The SSC and BIC buildings are attached.</td>
</tr>
<tr>
<td>Naperville, Illinois</td>
<td>College of DuPage Naperville Campus 1223 Rickert Drive</td>
<td><strong>One remotely proctored test station.</strong> Naperville Center is located on the south side of Rickert Drive. Rickert Drive is accessed by turning north from 75th Street two miles west of Washington Street. From Route 59, travel east on 75th Street to Rickert Drive and turn north.</td>
</tr>
<tr>
<td>Westmont, Illinois</td>
<td>College of DuPage - Westmont Center 650 Pasquinelli Drive</td>
<td>Westmont Center is located on the west side of Pasquinelli Drive. Pasquinelli Drive is accessed by turning north from Ogden Ave one block west of Rout 83. The center entrance is immediately north of the bank.</td>
</tr>
</tbody>
</table>

**COLLEGE OF LAKE COUNTY TEST CENTERS (2)**

<table>
<thead>
<tr>
<th>City/State</th>
<th>Address</th>
<th>Driving Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grayslake, Illinois</td>
<td>College of Lake County Grayslake Campus, 19351 West Washington Street Room B150</td>
<td><strong>One remotely proctored test station.</strong> The Testing Center is located in Room B150 on the first floor of the Grayslake Campus.</td>
</tr>
<tr>
<td>Waukegan, Illinois</td>
<td>College of Lake County Waukegan Campus 33 N. Genesee Street</td>
<td><strong>One remotely proctored test station.</strong> 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. 2nd floor room N203.</td>
</tr>
</tbody>
</table>
Remotely proctored test centers are indicated. All others are proctored by on-site personnel.

<table>
<thead>
<tr>
<th>City/State</th>
<th>Address</th>
<th>Driving Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ILLINOIS CENTRAL COLLEGE TEST CENTERS (2)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>JOLIET JUNIOR COLLEGE TEST CENTERS (2)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joliet, Illinois</td>
<td>Joliet Junior College 1215 Houbolt Road</td>
<td><strong>One remotely proctored test station.</strong> Exit I-55 onto Route 52 East (Exit 253) to Houbolt. Turn right (South) to college entrance. Report to Academic Skills Center in A-1138.</td>
</tr>
<tr>
<td>Romeoville, Illinois</td>
<td>Joliet Junior College (Romeoville Campus) 1125 W 135th Street</td>
<td><strong>One remotely proctored test station.</strong> The testing center is located in the Resource Center, room NC 80.</td>
</tr>
<tr>
<td><strong>PSI TEST CENTERS OUTSIDE ILLINOIS (2)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>St. Louis, Missouri</td>
<td>PSI Test Center 11100 Mueller Road Suite 7 &amp; 8</td>
<td><strong>One remotely proctored test station.</strong> From St. Ann: Drive I-270 South and exit onto MO-21 (Tesson Ferry Rd). Drive east for about one and a half miles. From Tesson Ferry Rd, turn right onto US-50 (Lindbergh Blvd) for approximately a quarter mile. From Lindbergh Blvd, turn left onto Mueller Rd. The building is located behind McDonalds and a Mobile gas station.</td>
</tr>
<tr>
<td>Evansville, Indiana</td>
<td>Ivy Technical Community College, 3401 N First Ave</td>
<td>Testing is in the Workforce Certification and Assessment Center. From Kentucky (South): Take Hwy 41 N to the Diamond Ave exit. Exit, going West to First Avenue turn right going North. You will travel through 2 stoplights before reaching Wendy’s restaurant. Turn right at Wendy’s; our parking lot is immediately to the left. From the airport: Take a left on Hwy 57 To Hwy 41. Go left going South on Hwy 41 to the Diamond Avenue Exit, going West to First Avenue turn right going North.</td>
</tr>
</tbody>
</table>
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 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


   **New Users**
   - You can: Create an account, Register for an examination, Schedule an examination

   **Returning Users**
   - Sign in
   - Email Address: 
   - Password: 
   - Start in: Home page
   - Remember me
   - Sign in | Clear
   - [Forgot Password?]
   - [Update email address]

   If you do not have an account, please click the below link:
   - [Create an Account]

   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 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**.

If there are no activities displayed on this page, please click the button below to provide additional information so that we can locate your records:

Find My Records

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Portion Name(s)</th>
<th>Sponsor</th>
<th>Eligibility Expires</th>
<th>Tasks Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>IL Trauma Nurse (TNS)</td>
<td>IL Trauma Nurse (TNS)</td>
<td>ILLINOIS DEPARTMENT OF PUBLIC HEALTH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Registered records**

**Scheduled records**

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Sponsor</th>
<th>Portion Name(s)</th>
<th>Schedule Date / Start Time</th>
<th>Confirmation No.</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NO ACTIVITIES FOUND</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Past activity (last 10 records)**

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Sponsor</th>
<th>Tested Date</th>
<th>Portion (Result)</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NO ACTIVITIES FOUND</td>
<td></td>
</tr>
</tbody>
</table>

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

Test Center Selection

<table>
<thead>
<tr>
<th>Country:</th>
<th>Zip or City:</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>60604, Chicago, IL</td>
</tr>
</tbody>
</table>

Choose one or more test centers, then click the 'Continue' button to view available dates for scheduling:

- CHICAGO (ROOM A) 332 S. Michigan Avenue, Suite 410, Chicago, Illinois 60604
- CHICAGO (ROOM B) 332 S. Michigan Avenue, Suite 410, Chicago, Illinois 60604
- SPRINGFIELD, ILLINOIS 3223 South Meadowbrook Road, Suite B, Springfield, Illinois 62711
- Rincon Family Services (IE) 3710 N. Kedzie, Chicago, Illinois 60618
- Chicago Marriott O’Hare (IE) 8535 West Higgins Road, Chicago, Illinois 60631

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.
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.

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

<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>

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

Exam: IL Trauma Nurse (TNS)
Sponsor: ILLINOIS DEPARTMENT OF PUBLIC HEALTH
Confirmation Number: C6062003
Test Center: CHICAGO (ROOM A)
Address: CHICAGO (ROOM A)
332 S. Michigan Avenue,
Suite 410,
Chicago,
Illinois,
USA
Test Schedule Date: 09/03/2013
Test Schedule Time: 3:00 PM

You must arrive at the test center 30 minutes before the start of your schedule time or you forfeit your examination fees and will not be allowed to take your scheduled examination.

Directions to Test Center: Take US-41S which becomes I-94E. Take the W Jackson Blvd exit (51F). Turn left on W Jackson Blvd. Turn right on S Michigan Ave.

7. You also will receive an email from PSI to confirm the test center, date and time you have selected to take your test.
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.
Part II 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.

**PSI SECURITY AGREEMENT FOR EXAMINATIONS**

Test Center Location: ___________________________  State: ___________________________

SECURITY AGREEMENT:

I HAVE READ THE FOLLOWING PSI 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 PSI Security Agreement, the proctor will notify the candidate that he/she will not be authorized to take the examination. PSI 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.

Before you start your examination, an introductory tutorial to the computer will be available on the computer screen. The time you spend on this tutorial DOES NOT count as part of your examination time. Candidates may repeat the tutorial as many times as they like until they are ready to start the test.

**Examination Screen**
The Status Bar

The Status Bar at the top of the examination screen gives the status of the test.
- “Question 3 of 40” indicates that you are on QUESTION 3 out of 40 total questions.
- “Answered” and “Unanswered” indicate that you have answered 2 questions and left one question unanswered.
- “Marked” means that you have marked 0 questions to review later.
- “View” indicates that all questions on the test are available to you for VIEWING. (See GOTO Button)
- “Time Left” indicates how many minutes the candidate has remaining on this exam.

The Item or Question

Each question or test item appears on the screen ONE ITEM AT A TIME.

Choosing an Answer

Use the mouse to click on the option you believe is the best answer to the question. The answer you select will show a check mark or a filled button. Your answer is recorded when you click on NEXT. The computer then moves you to the next question. Since there is no penalty for wrong answers, you should answer every question by choosing what you think is the best response.

Calculator Button and Calculator

An on-screen calculator is available to perform simple calculations. Use the mouse to click on numbers and symbols.
Mark Button

The candidate may choose to mark a question to review later with the Mark button above the Status Bar. The candidate can review marked items by clicking on the GoTo button.

Comments Button

The Comments button offers the option to give a comment or feedback about the question in the screen that appears below.

GoTo Button

The GoTo Button takes the candidate to the following screen.

The candidate may use this screen to find:
- Marked questions
- Unanswered questions
- All questions
- A specific question identified by question number

View on the Status Bar will change to indicate which questions the candidate is viewing: For example, if the candidate chooses Marked Questions on the GoTo screen, the status will change to View: Marked.
Help Button

The HELP Button provides summary of each button’s functions. The candidate can click on HELP at any time.

Practice Questions or Sample Test

The Sample Test provides a few questions to help the candidate confirm how to mark answers to questions on the test. Sample Items are not scored and do not count toward the final result. They are provided for the candidate to become familiar with the computer prior to starting the scored portion of the exam.

On the last Sample Question, the candidate will see a series of messages.

Click Next to continue to the full exam or Back to return to sample questions.

The third screen confirms that the candidate is ready to begin the full exam.
Ending the Exam

The **End** button starts the sequence for ending either the sample items or the full exam.

Candidates will see the following screens at the end of the examination.

**Survey Items**

A short survey of your exam experience appears onscreen at the end of these to provide feedback about the test center and the exam.

**Score Reports**

Candidates who achieve a score of 70 or higher receive a preliminary report at the test center. An official CTS letter will confirm the candidate’s test results and provide further instructions for obtaining an EMT license from the Illinois Department of Public Health.

Candidates who achieve a score below 70 will receive a preliminary report at the test center. An official CTS letter will confirm their test results and provide further instructions about scheduling future attempts to take the EMT examination.
Part III Test Content & Reference Information

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-I as adapted and approved by the Illinois Department of Public Health.

Emergency Medical Technician – Intermediate (EMT-I)

1. Preparation and Professional Issues *(8 questions)*
   A. Introduction to emergency medical care and well-being of the EMT-I
   B. Medical, legal & ethical issues
   C. The human body

2. Pharmacology, IV Therapy, Medication Administration *(8 questions)*
   A. Drug classifications, routes, actions, administration and security
   B. Indications, equipment and principles for medication administration

3. Airway Management and Ventilation *(9 questions)*
   A. Upper airway complications and management
   B. Oxygen delivery devices, indications and contraindications
   C. Airway maneuvers, intubation techniques and special considerations

4. Patient Assessment *(17 questions)*
   A. Scene size-up and initial assessment
   B. Transport decisions and patient history
   C. Focused assessments and physical examinations
   D. Ongoing assessments and clinical decision making
   E. Communications and documentation

5. Trauma *(33 questions)*
   A. Trauma systems and mechanism of injury
   B. Hemorrhage and shock
   C. Burns and soft tissue injuries
   D. Thoracic trauma
   F. Head and spine injuries
   E. Injuries to the eye, face and neck
   G. Abdominal and genitalia injuries
   H. Musculoskeletal injuries
6. **Medical Emergencies** *(49 questions)*
   A. Respiratory emergencies
   B. Cardiovascular emergencies
   C. Diabetic emergencies
   D. Allergic reactions and envenomations
   E. Poisonings and overdose emergencies
   F. Neurological emergencies
   G. Nontraumatic abdominal emergencies
   H. Environmental emergencies
   J. Behavioral emergencies
   K. Gynecological emergencies

7. **Special considerations** *(20 questions)*
   A. Obstetrical emergencies and neonatal resuscitation
   B. Pediatric emergencies
   C. Geriatric emergencies

8. **Operations** *(6 questions)*
   A. Ambulance operations
   B. Access, extrication and hazardous materials emergencies
   C. Mass casualty incidents and START triage
   D. Responses to terrorism and weapons of mass destruction

**Recommended Study Materials**

The following references support questions on this examination. These books are available online from sources such as Amazon.com or Barnes and Noble (bn.com). All candidates should prepare for this examination by studying one or more of these references.

Medications List for EMT-I from US DOT Curriculum

- Albuterol
- Adenosine Epinephrine (1:10,000)
- Aspirin Epinephrine (1:1000)
- Atropine sulfate
- Bronchodilators (Beta 2 agonists)
- 50% Dextrose
- Diazepam
- Furosemide (Lasix)
- Lidocaine Hcl 2%
- Morphine sulfate
- Naloxone (Narcan)
- Nitroglycerine

Abbreviations

The following abbreviations may appear in the EMT-Intermediate Examinations.

- ABCs airway, breathing/ventilation, circulatory status
- ADA Americans with Disabilities Act
- ADH antidiuretic hormone
- AED automated external defibrillator
- AIDS acquired immune deficiency syndrome
- ALS Advanced Life Support
- APGAR appearance, pulse, grimace, activity, respirations
- ANSI American National Standards Institute
- ARDS adult respiratory distress syndrome
- ASA aspirin
- ATP adenosine triphosphate (body’s energy source)
- AV atrioventricular
- 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
- CAD coronary artery disease
- cc cubic centimeter
- c-collar cervical collar
- CDC Center for Disease Control and Prevention
- CHEMTREC Chemical Transportation Emergency Center
- CHF congestive heart failure
- 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
Abbreviations

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
DKA diabetic ketoacidosis
dl or dL deciliter
DNR do not resuscitate
DOT Department of Transportation
ED emergency department
ECG or EKG electrocardiogram
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
HEENT head, eyes, ears, nose and throat
HEPA mask high efficiency particulate airborne mask
HHNC hyperglycemic hyperosmolar nonketotic coma
HHNK hyperglycemc hyperosmolar nonketotic
HHNS hyperosmolar hyperglycemic nonketotic syndrome
HIPAA Health Insurance Portability and Accountability Act
HIS common bundle bridging AV node to bundle branches
HIV human immunodeficiency virus
HR heart rate
ICS incident command system
IM intramuscular
IMS incident management system
IV intravenous
J joules
JVD jugular venous distension
KED Kendrick extrication device
kg kilogram
L liter
lbs pounds
LLQ lower left quadrant
LMP last menstrual period
L/min or lpm liters per minute
LOC level of consciousness
LR lactated Ringers solution
LUQ left upper quadrant
MCI multiple casualty incident
mg milligram
MI myocardial infarction
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
Abbreviations

NS normal saline
NSR normal sinus rhythm
O2 oxygen
OB obstetric
OPA oropharyngeal airway
OPQRST onset, provokes, quality, radiation, severity, time
OSHA Occupational Health and Safety Administration
P pulse
PAC premature atrial contraction
Palp palpation
PASG pneumatic anti-shock garment
PCO2 partial pressure of carbon dioxide
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)
PO2 partial pressure of oxygen
PPE personal protective equipment
PR or PRI P-R interval
psi pounds per square inch
PVC premature ventricular contraction
QRS ventricular depolarization wave
QT or QTI QT interval
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
RUQ right upper quadrant
SA sinoatrial
SAMPLE symptoms, allergies, medications, past medical history, last oral intake, events surrounding the incident
SCBA self-contained breathing apparatus
SIDS sudden death infant syndrome
SL sublingual
SpO2 pulse oximetry
S-T S-T segment
START simple triage and rapid treatment
Sub-q subcutaneous
T or Temp temperature
TB tuberculosis
TBSA total body surface area
TKO to keep open
TIA transient ischemic attack
V-fib or VF ventricular fibrillation
VS vital signs
V-tach or VT ventricular tachycardia
WAP wandering atrial pacemaker
WMD weapons of mass destruction
y/o year old
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 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

2. What does the renal buffer system do when the pH of extracellular fluid rises?
   A. Increase the respiratory rate and depth
   B. Decrease the respiratory rate and depth
   C. Excrete bicarbonate and retain hydrogen
   D. Excrete hydrogen and retain bicarbonate

3. Which of these refers to placing a drug in the space between the teeth or gums and the cheek?
   A. Oral
   B. Buccal
   C. Sublingual
   D. Intralingual

4. An adult patient is unresponsive, apneic and pulseless. Which of these medications should be administered first?
   A. Epinephrine
   B. Lidocaine
   C. Morphine
   D. Atropine

5. Which of these is the respiratory center of the brain?
   A. Cortex
   B. Cerebrum
   C. Cerebellum
   D. Medulla
6. When performed correctly, endotracheal intubation
   A. reduces the risk of aspiration.
   B. should be performed before defibrillation.
   C. should be accomplished in 40 seconds or less.
   D. can only be used in spontaneously breathing patients.

7. An adult patient who is alert has a clear airway, respirations of 12 with cyanosis, and a strong radial pulse. Which of these is the most appropriate oxygen delivery device for this patient?
   A. Nasal cannula
   B. Bag valve mask
   C. Endotracheal tube
   D. Non-rebreather mask

8. What information needs to be reported regarding breath sounds?
   A. Whether the bell or diaphragm of the stethoscope is used
   B. Tidal volume, rate and the relationship to S1 and S2
   C. The timing, pitch and duration of respiration
   D. Position of the patient during the assessment

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

10. A patient from a fire has a hoarse voice, soot around the mouth and nares, respirations of 8 and stridor with decreasing LOC. Which of these would be the best intervention for this patient?
    A. Intubation
    B. Fluid resuscitation
    C. Ventilation by mouth to mask
    D. Nebulized bronchodilator treatment

11. Which of the following findings is the most concerning when treating a patient with a suspected head injury?
    A. Pulse ox decreases to 93
    B. Pulse ox decreases from 95 to 92
    C. Glasgow Coma Score decreases from 13 to 12
    D. Glasgow Coma Score decreases from 13 to 10
12. What are albuterol and metaproterenol?

A. Sympatholytic bronchodilators  
B. Sympathomimetic bronchodilators  
C. Parasympatholytic bronchodilators  
D. Parasympathomimetic bronchodilators

13. Which of these refers to pain that results from release of the hand during palpation of a patient’s abdomen?

A. Peritoneal irritation  
B. Abdominal guarding  
C. Rebound tenderness  
D. Diaphragmatic compensation

14. Hyperventilation syndrome causes

A. excess elimination of CO2.  
B. excess elimination of O2.  
C. excess accumulation of CO.  
D. excess accumulation of CO2.

15. Which pacemaker has an intrinsic firing rate of 20-40?

A. SA node  
B. AV node  
C. Bundle of HIS  
D. Purkinje fibers

16. A patient is weak and short of breath. Assessment reveals P 48, ECG shows sinus bradycardia, R 24, B/P 88/50 and cool, pale and diaphoretic skin. Which of these is indicated for this patient?

A. Epinephrine  
B. Adenosine  
C. Atropine  
D. Lidocaine
17. Identify this rhythm.

A. Polymorphic ventricular tachycardia
B. Monomorphic ventricular tachycardia
C. Premature ventricular contractions
D. Ventricular fibrillation

18. Identify this rhythm.

A. Complete heart block
B. Second degree AV block Mobitz I
C. Second degree AV block Mobitz II
D. Sinus rhythm with premature atrial contractions

19. Which of the following correctly describes the pharmacologic action of furosemide (Lasix) when administered to a patient in pulmonary edema?

A. It increases water retention by the kidney to improve circulation.
B. It decreases water retention by the adrenal glands to improve circulation.
C. It causes vasodilation to increase venous capacitance and decrease preload.
D. It causes vasoconstriction to decrease venous capacitance and improve preload.

20. Which of these is more commonly found in a pediatric patient with a high fever than in an adult?

A. Seizure
B. Altered LOC
C. Slurred speech
D. Neurological deficit
21. Which body systems are most affected by narcotics and opiates?
   A. Central nervous and gastrointestinal
   B. Gastrointestinal and respiratory
   C. Respiratory and integumentary
   D. Central nervous and respiratory

22. Which of these symptoms is NOT typically associated with a patient experiencing a renal calculi (kidney stone)?
   A. Fever
   B. Hematuria
   C. Unilateral flank pain
   D. Pain radiating to the groin

23. Which of these is the primary objective when responding to a behavioral emergency?
   A. De-escalate the situation
   B. Ensure scene safety
   C. Notify law enforcement
   D. Contact a psychologist

24. A patient in her third trimester of pregnancy c/o a headache, spots in her visual field and weight gain of 20 pounds in the last two weeks. Skin is pale, warm and dry with generalized edema. Breath sounds are clear bilaterally. VS: BP 160/100, P 80, RR 24. What should the EMT suspect?
   A. Retinal detachment
   B. Hypertensive crisis
   C. Pre-eclampsia
   D. Eclampsia

25. A drop in the neonate heart rate below which of these indicates distress?
   A. 140 beats per minute
   B. 120 beats per minute
   C. 110 beats per minute
   D. 100 beats per minute

26. Who should be questioned first when caring for a preschool child?
   A. Mother
   B. Child
   C. Father
   D. Caregiver
27. Which of these is the correct way to initiate START triage?

A. Ask patients who can walk to proceed to a designated area.
B. Place a black tag on all patients who are not breathing.
C. Assess the mental status of all patients.
D. Assess the pulse rates of all patients.

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-I Sample Questions

1. B  15. D
2. C  16. C
4. A  18. C
5. D  19. C
6. A  20. A
7. D  21. D
8. C  22. A
10. A  24. C
11. D  25. D
13. C  27. A