

## TECEP® Test Description for APS-100-TE

### MEDICAL TERMINOLOGY

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This exam assesses students' knowledge of everyday medical terminology used by healthcare and medical professionals. The exam assesses knowledge of word parts, word structure, and word analysis of vocabulary relating to diseases, disorders, diagnostic, and surgical procedures of the organ systems of the body. In addition, this exam evaluates students' knowledge of specific medical words and word parts pertaining to musculoskeletal, lymphatic/immune, cardiovascular, respiratory, digestive, urinary, nervous, integumentary, endocrine, vision, hearing, and reproductive systems. (1 credit)

- **Test format:** 75 multiple choice questions (1 point each)
  - **Passing score:** 70% (52/75 points). Your grade will be reported as CR (credit) or NC (no credit).
  - **Time limit:** 2 hours
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### OUTCOMES ASSESSED ON THE TEST

- The ability to utilize and define commonly used word parts, medical terms, and anatomic terminology.
  - The ability to utilize and define terms related to the organs and functions of the different body systems, their pathology and diseases, and the diagnostic and treatment procedures of those systems.
  - The ability to utilize terms related to basic examination procedures and laboratory tests, diagnostic techniques, pharmacology, and therapies.
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### TOPICS ON THE TEST AND THEIR APPROXIMATE DISTRIBUTION

The table below indicates the main topics covered by this exam and the approximate percentage of the exam devoted to each main topic. Under the main topic heading is a list of related—but more specific—topics. It is important to review these topics to determine how much prior knowledge you have and/or how much additional study is necessary.

Topic	# of Questions
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<p><b>Fundamentals of Medical Terminology; The Human Body &amp; Its Systems</b></p> <ul style="list-style-type: none"> <li>● Fundamentals of medical terminology</li> <li>● Use of word parts in creating and analyzing medical terms</li> <li>● How the body and body systems are viewed in anatomic and structural terms</li> <li>● Terms related to genetics, tissues, glands, and pathology</li> </ul>	<p><b>10 questions</b></p>
<p><b>The Skeletal and Muscular Systems</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the skeletal and muscular body systems</li> <li>○ Pathology, diagnosis and treatment of skeletal and muscular system disorders</li> <li>○ Medical specialists who treat skeletal and muscular system disorders</li> </ul> </li> </ul>	<p><b>10 questions</b></p>
<p><b>The Cardiovascular System</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the cardiovascular system</li> <li>○ Pathology, diagnosis and treatment of cardiovascular system disorders</li> <li>○ Medical specialists who treat cardiovascular system disorders</li> </ul> </li> </ul>	<p><b>5 questions</b></p>
<p><b>The Respiratory System</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the respiratory system</li> <li>○ Pathology, diagnosis and treatment of respiratory system disorders</li> <li>○ Medical specialists who treat respiratory system disorders</li> </ul> </li> </ul>	<p><b>5 questions</b></p>
<p><b>The Digestive System</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the digestive system</li> <li>○ Pathology, diagnosis and treatment of digestive system disorders</li> <li>○ Medical specialists who treat digestive system disorders</li> </ul> </li> </ul>	<p><b>5 questions</b></p>
<p><b>The Urinary and Reproductive Systems</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the urinary and reproductive systems</li> <li>○ Pathology, diagnosis and treatment of urinary and reproductive system disorders</li> <li>○ Medical specialists who treat urinary and reproductive system disorders</li> </ul> </li> </ul>	<p><b>10 questions</b></p>



<p><b>The Lymphatic and Immune Systems</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the lymphatic and immune systems</li> <li>○ Pathology, diagnosis and treatment of lymphatic and immune system disorders</li> <li>○ Medical specialists who treat lymphatic and immune system disorders</li> </ul> </li> </ul>	<p><b>5 questions</b></p>
<p><b>The Nervous System and Mental Health</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the nervous system and mental health</li> <li>○ Pathology, diagnosis and treatment of nervous system and mental health disorders</li> <li>○ Medical specialists who treat nervous system and mental health disorders</li> </ul> </li> </ul>	<p><b>5 questions</b></p>
<p><b>The Eyes and Ears</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the eyes and ears as well as vision and hearing</li> <li>○ Pathology, diagnosis and treatment of eye and ear disorders</li> <li>○ Medical specialists who treat eye and ear disorders</li> </ul> </li> </ul>	<p><b>5 questions</b></p>
<p><b>The Integumentary and Endocrine Systems</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Structure and functions of the parts of the integumentary and endocrine systems</li> <li>○ Pathology, diagnosis and treatment of integumentary and endocrine system disorders</li> <li>○ Medical specialists who treat integumentary and endocrine system disorders</li> </ul> </li> </ul>	<p><b>10 questions</b></p>
<p><b>Diagnostic Procedures; Nuclear Medicine; Pharmacology</b></p> <ul style="list-style-type: none"> <li>● Medical terms related to: <ul style="list-style-type: none"> <li>○ Basic examination procedures and positions and frequently-performed laboratory and imaging tests</li> <li>○ Use of nuclear medicine, pharmacology, and complementary and alternative therapies</li> </ul> </li> </ul>	<p><b>5 questions</b></p>



## STUDY MATERIALS

Below is a list of recommended study materials to help prepare you for your exam. Most textbooks in this subject include the topics listed above and will prepare you for the test. If you choose another text, be sure to compare its table of contents against the topic list to make sure all topics are covered.

Title
Ann Ehrlich and Carol L. Schroeder. <i>Medical Terminology for Health Professions</i> . Current edition. Clifton Park, NY: Delmar/Cengage Learning.

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## SAMPLE QUESTIONS

The questions below are designed to help you study for your TECEP. Answering these questions does not guarantee a passing score on your exam.

Please note that the questions below **will not** appear on your exam.

1. Which word part means narrowing?
  - a. -megaly
  - b. -malacia
  - c. -stenosis
  - d. -necrosis
  
2. Which combining form means blue?
  - a. cyan/o
  - b. erythr/o
  - c. leuk/o
  - d. melan/o
  
3. Which of the following muscles is formed from three divisions?
  - a. Biceps brachii
  - b. Quadriceps
  - c. Triceps brachii
  - d. Mastoid



4. The overextension of a limb or body part beyond its normal limit is known as
- dorsiflexion
  - hyperextension
  - circumextension
  - supination
5. What medical condition is a group of cardiac disabilities resulting from an insufficient supply of oxygenated blood to the heart?
- Angina
  - Coronary artery disease
  - Valvular prolapse
  - Ischemic heart disease
6. The abnormal protrusion of a heart valve is known as
- valvulitis
  - valvular stenosis
  - valvular prolapse
  - pericarditis
7. What medical term describes an abnormally rapid rate of respiration?
- Apnea
  - Tachypnea
  - Hypopnea
  - Dyspnea
8. Which term is also used to describe acute nasopharyngitis?
- Croup
  - Upper respiratory infection
  - Influenza
  - Acute respiratory distress syndrome
9. What term describes an abnormal, white precancerous lesion that develops on the tongue or the inside of the cheek?
- Oral thrush
  - Cheilosis
  - Aphthous ulcer
  - Leukoplakia



10. What medical term means the vomiting of blood?
- a. Hematemesis
  - b. Emesis
  - c. Gastroemesis
  - d. Eructation
11. Which of the following professionals specializes in diagnosing and treating diseases and disorders of the female reproductive system?
- a. Neonatologist
  - b. Gynecologist
  - c. Infertility specialist
  - d. Obstetrician
12. Which word part pertains to the kidneys?
- a. lith/o
  - b. -lysis
  - c. nephr/o
  - d. -uria
13. Which class of diseases is characterized by the uncontrolled division of cells?
- a. Immunodeficiency disorders
  - b. Neoplasm
  - c. Cancer
  - d. STDs
14. Which condition is also known as a pinched nerve?
- a. Radiculitis
  - b. Sciatica
  - c. Myelosis
  - d. Neuritis
15. In which chronic disorder does the amount of fluid in the inner ear increase intermittently and cause vertigo, fluctuating hearing loss, and tinnitus?
- a. Ménière's disease
  - b. Acoustic neuroma
  - c. Labyrinthitis
  - d. Cholesteatoma



16. A \_\_\_\_\_-degree burn involves blisters and damage to the dermis and epidermis.
- a. first
  - b. second
  - c. third
  - d. dermabrasion
17. Which gland secretes hormones that control the activity of the other endocrine glands?
- a. Adrenal
  - b. Hypothalamus
  - c. Thymus
  - d. Pituitary
18. Nuclear medicine imaging studies focus on
- a. anterior areas of the body
  - b. diagnostic techniques
  - c. the gastrointestinal tract
  - d. specific organs and tissues
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## ANSWERS TO SAMPLE QUESTIONS

- |        |         |         |
|--------|---------|---------|
| 1. (c) | 7. (b)  | 13. (c) |
| 2. (a) | 8. (b)  | 14. (a) |
| 3. (c) | 9. (d)  | 15. (a) |
| 4. (b) | 10. (a) | 16. (b) |
| 5. (d) | 11. (b) | 17. (d) |
| 6. (c) | 12. (c) | 18. (d) |

