

Kaplan Entrance Test Preparation

The Kaplan Nursing School Entrance Exams: Your Complete Guide to Getting Into Nursing School Study Guide by Kaplan prepares students for how questions will be asked on the test. This book is available in the College Bookstore or through online businesses. Students are responsible for finding other preparation tools. The test may take up to 3.5 hours to complete and each of the four sections are timed and must be completed in one test setting. Students may not bring calculators but a drop down calculator on the computer is allowed. A student has two (2) attempts to take this required test within a two-year period. The scores are good for two (2) years. There is no cost for the test. Students must bring their ID number and a picture ID to the testing center.

The Kaplan Admissions Test includes four sections in the order and timing below. Minimum scores required for the application are listed for each program. **Scores are competitively ranged in each section to determine nursing admissions.**

Registered Nursing Sections

		<u># Questions</u>	<u>Timing</u>	<u>Passing</u>
Reading	Detail, Logic, Inference, Purpose	22 Questions	45 minutes	73%
Math	Conversions, Ratios, Operations, Word Problems	28 Questions	45 minutes	75%
Writing	Development, Writing Logic, Mechanics of Writing	21 Questions	45 minutes	52%
Science	All Anatomy and Physiology Systems	20 Questions	30 minutes	55%

Practical Nursing Sections

		<u># Questions</u>	<u>Timing</u>	<u>Passing</u>
Reading	Detail, Logic, Inference, Purpose	22 Questions	45 minutes	55%
Math	Conversions, Ratios, Operations, Word Problems	28 Questions	45 minutes	45%
Writing	Development, Writing Logic, Mechanics of Writing	21 Questions	45 minutes	45%
Science	All Anatomy and Physiology Systems	20 Questions	30 minutes	45%

Listed below are some website resources that you can use in studying for the Kaplan Entrance Exam.

Quizlet - <https://quizlet.com/subject/entrance-exam-kaplan-nursing-math/>

Website contains flashcards, learn, speller, and test tool capabilities for studying for all parts of the Kaplan exam.

Khanacademy.org is a good resource for all sections of the exam, but primarily math and science.

Math

- For Information on the Kaplan as well as some practice questions
www.health.nnmc.edu/sites/default/files/u302/Kaplan_Adm%20Samples_1v3.pdf
- www.nursinglink.monster.com/lpn-lvn-jobs/quizzes/50-would-you-pass-the-nursing-school-entrance-exam
- Drug Dosage: You may search YouTube for Drug Dosage Calculations to find a website that can assist you with basic principles for setting up the equation to solve the problems.

Science

- There are 10 systems on the test: Cardiovascular, Fluid and Electrolytes, Gastrointestinal, Hematological, Homeostasis, Immune, Neurology, Renal System, Respiratory System and Sensory
- www.learningnurse.org
- Consider using your Anatomy and Physiology I and II books.
- Also search on google for websites on all systems. YouTube is a good resource as well.

Reading and Writing

Use the Kaplan book for the reading and writing (logic and mechanics especially) but be sure to time yourself when practicing. This is often a problem when you get to the test because you have not prepared yourself for limited time. These links will assist in helping you with the fundamentals for the specific areas.

Inference:

- http://www.criticalreading.com/inference_process.htm
- <https://www.youtube.com/watch?v=to30AJm2epQ>
- <https://academic.cuesta.edu/acasupp/as/309.HTM>

Inference and Purpose:

- http://www.ic.edu/customized/uploads/bydate/2013/november_2013/november_19th_2013/458_rdgcompbootcampdocfinal.pdf
- <http://www.cochranschoolofnursing.us/Portals/0/PDFs2/Kaplan%20Adm%20Samples.pdf>
- http://www.trinityson.com/_PDF/StudyGuide.pdf
- <http://www.marywood.edu/dotAsset/2fef0093-b8d8-4827-b2b6-fc38f7d188f3.pdf>

Logic:

- <https://www.jobtestprep.co.uk/logicalreasoning.aspx>
- <http://grockit.com/blog/4-tips-for-logic-questions-in-gre-reading-comprehension/>
- <http://www.clovis.edu/nursing/docs/KaplanAdmissionSamples.pdf>

Writing Skills:

- <http://www.time4writing.com/writing-mechanics/>
- <http://www.northwestms.edu/wp-content/uploads/Kaplan-Admission-Test-Information.pdf>

Books for Writing Skills located in JSRCC Library:

1. Writing for Life by DJ Henry
2. Concepts in Composition by Irene L. Clark

Examples of sample reading passage and questions. Note: paragraphs are numbered. Correct answers are underlined.

Example 1:

- 1) We the People of the United States, in Order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defense, promote the general Welfare, and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish this Constitution for the United States of America.
- 2) All legislative Powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

1. Which of the following statements BEST expresses the main idea of paragraph 1?
 - A. It states the fundamental purposes, principles, and goals of the government.
 - B. It states that all people should be happy.
 - C. It states that legislative powers will consist of a Senate and House of Representatives.
 - D. It states that government will keep the people from being governed by other countries.
2. What is the author's main purpose in writing this passage?
 - A. It explains how the government will provide security for all.
 - B. It analyzes the reason for government.
 - C. It persuades the reader to learn more about the government.
 - D. It identifies the ideas for which the government stands.

Example 2:

Questions 3-4 are based on the following passage.

Many mammals instinctively raise their fur when they are cold – a reaction produced by tiny muscles just under the skin that surround hair follicles. When the muscles contract, the hairs stand up, creating an increase in air space under the fur. The air space provides more effective insulation for the mammal's body, thus allowing it to retain more heat for longer periods of time. Some animals also raise their fur when they are challenged by predators or even other members of their own species. The raised fur makes the animal appear slightly bigger and ideally, more powerful. Interestingly, though devoid of fur, humans still retain this instinct. So, the next time a horror movie gives you “goosebumps”, remember that your skin is following a deep-seated mammalian impulse now rendered obsolete.

3. The “increased air space under the fur” mentioned in the passage serves primarily to:
 - A. Combat cold.
 - B. Intimidate other animals.
 - C. Render goosebumps obsolete.
 - D. Cool overheated predators.
4. Based on the passage, the author would most likely describe “goosebumps” in humans as:
 - A. An unnecessary and unexplained phenomenon.
 - B. A harmful but necessary measure.
 - C. An amusing but dangerous feature.
 - D. A useless but interesting remnant.

MATH SECTION

The math section contains 28 questions to be answered in 45 minutes. The questions contain basic arithmetic to algebra and are in the form of a basic equation or word problem. The test measures the candidate's ability to apply mathematical principles in the following areas: Conversions, Operations, Ratios and Word problems.

Examples of sample math equations. Correct answers are underlined or given after the equations.

1. Which of the following equations is true?

A. $500/1500 = 1/2$

B. $1/2 + 3/4 - 1/8 = 1 1/8$

C. $0.001 = 10\%$

D. $53.3 + 30.5 - 22.88 = 60.53$

2. Which of the following equations is true?

A. $0.0053 = 53/10000$

B. Ratio of 2 to 3 is the same as 23%

C. 42 divided by 0.123 = 0.341

D. $4/5$ divided by $2/3 = 1 2/3$

3. If $X/5 + 3 = 75$, then X equals _____. Answer: $X = 360$

4. A child is given an allowance of \$1.25 per day for chores. The parent says they will increase the allowance by 75 cents per day after a month. What is the percent increase the child receives? Answer: 60%

5. A 6-year-old-child with a congenital heart disorder is admitted with congestive heart failure. Digoxin (Lanoxin) 0.12 mg is ordered for the child. The bottle of Lanoxin contains 0.05 mg of Lanoxin in 1 mL of solution. Which of the following amounts should the nurse administer to the child?

A. 1.2 mL

B. 2.4 mL

C. 3.5 mL

D. 4.2 mL

WRITING SECTION

The writing section contains 21 questions to be answered in 45 minutes. Candidates read nine passages and answer questions that measure the essential skills required for writing:

- Assessing passage development
- Assessing paragraph logic
- Assessing mechanics of writing

Examples of sample writing questions. Note each sentence is numbered. Correct answers are underlined.

1 By the time you take the NCLEX-RN® examination, you will be out of nursing school for 1-3 months. **2** Remember that old saying, “What you are not learning, you are forgetting”? **3** Because this is a test about safe and effective nursing care, you must remember all that you can to select correct answers.

4 You must also master exam-style questions. **5** It is essential that you be able to correctly identify what each question is asking. **6** To master test questions, you must practice answering them. **7** We recommend you answer hundreds of exam-style questions, especially at the application level of difficulty. **8** And have a good understanding of nursing content. **9** Memorize facts so you can answer by recall.

1. Which sentence in the last paragraph is missing a subject?

- A. Sentence 6
- B. Sentence 7
- C. Sentence 8
- D. Sentence 9

2. Which sentence includes an unnecessary word?

- A. Sentence 2 includes unnecessary word *that*.
- B. Sentence 3 includes unnecessary word *that*.
- C. Sentence 6 includes unnecessary word *test*.
- D. Sentence 7 includes unnecessary word *especially*.

3. Where is the best place to add this sentence?

You must study content that is integrated and organized like the NCLEX-RN® exam.

- A. Before sentence 2.
- B. After sentence 3.
- C. Before sentence 5.
- D. After sentence 8.

Examples of sample science questions. Correct answers are underlined.

1. Which statement is true about the transport of oxygen in the lungs?

- A. It acquires carbon dioxide and removes nitrogen.
- B. A demand for more oxygen requires an increase in cellular metabolism.
- C. Diffusion occurs at the bronchioles capillary junctions.
- D. Increase rate of respirations is controlled by an increased fever.

2. Fluid balance alterations can result from what factors?

- A. Fluid shifts due to a burn injury.
- B. High blood levels such as extracellular fluid
- C. Stimulation of the parasympathetic system.
- D. The neurological system correcting an excess of a metabolic acid.

3. Which statement is true?
- A. The large intestine absorbs most nutrients.
 - B. Infection is fought by the somatic nervous system.
 - C. Granulocytes respond quickly to infectious agents.
 - D. Endocrine glands release hormones by active transport.
4. Which of the following is a function of bone?
- 1. Formation of blood cells
 - 2. Protection of vital organs.
 - 3. Framework for movement.
- A. 1 only
 - B. 2 only
 - C. 3 only
 - D. 1, 2, and 3
5. The rate of breathing is controlled by involuntary centers in the:
- A. Cerebrum
 - B. Cerebellum
 - C. Medulla oblongata
 - D. Spinal cord