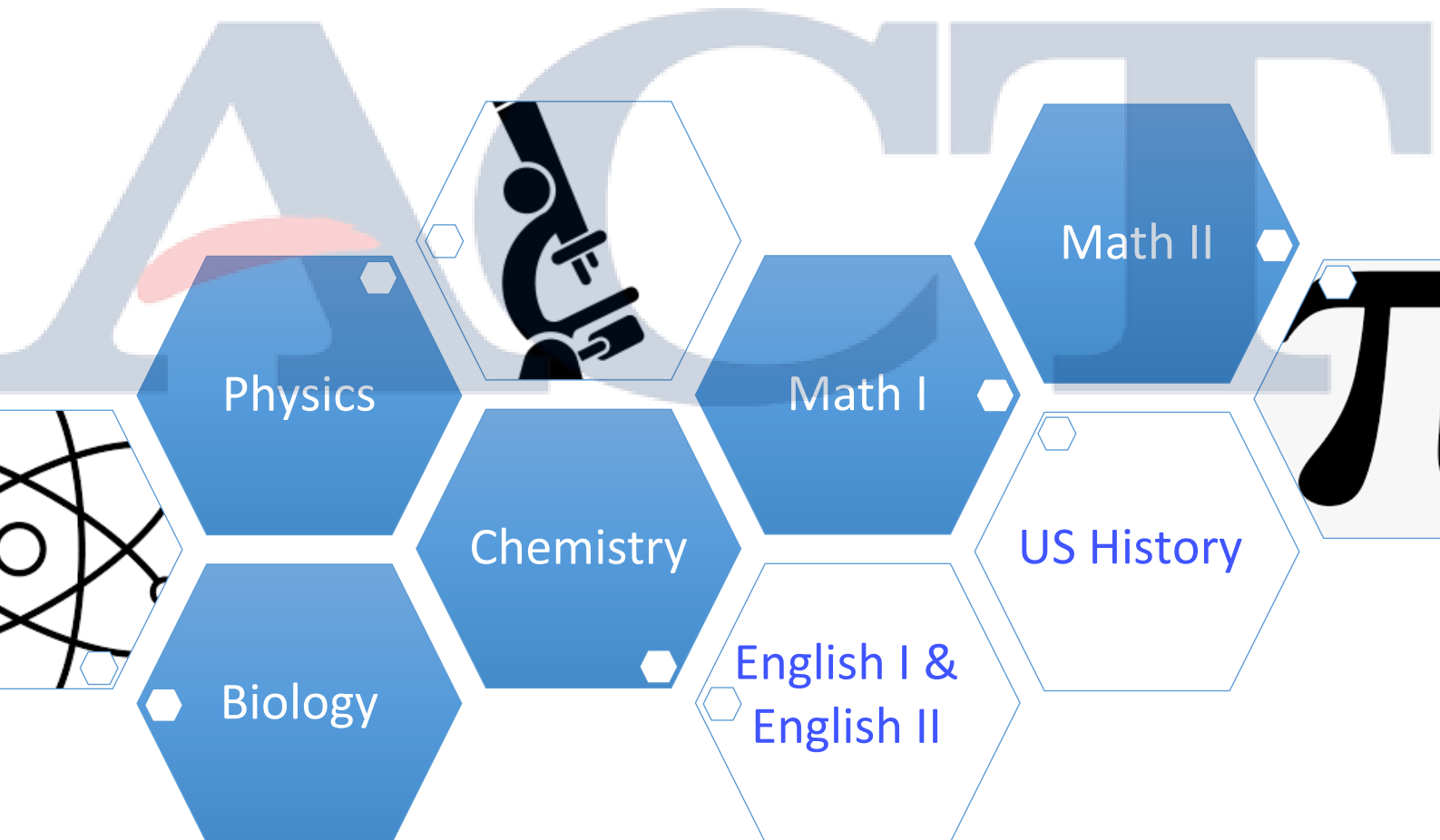


ACT[®] International Subject Tests

Powered by 

Sample Questions from ACT International Subject Tests



Prepared for the
Ministry of Education -
Hashemite Kingdom of Jordan
2020-2021

Contents

Introduction.....	3
Calculators & Guidelines.....	4
Biology Sample Questions.....	5
Chemistry Sample Questions.....	7
Physics Sample Questions.....	9
Math I Sample Questions.....	11
Math II Sample Questions.....	13
English I Sample Questions.....	15
English II Sample Questions.....	19
US History Sample Questions.....	23

ACT is committed to representing the diversity of society in all its aspects, including race, ethnicity, and gender. ACT employs extensive reviews and statistical procedures to ensure the fairness of test materials. ACT conducts research and periodically updates tests to provide test content that reflects classroom instruction and continues to be a relevant predictor of college and career readiness. There may be differences between the ACT practice questions in this booklet and the test students take on test day. ACT endorses the Code of Fair Testing Practices in Education and the Code of Professional Responsibilities in Educational Measurement, which guide the conduct of those involved in educational testing. ACT is committed to ensure that each of its testing programs upholds the guidelines in each Code. You may locate copies of these Codes through the following organizations: • Code of Fair Testing Practices in Education: American Psychological Association (www.apa.org) • This document is covered by international copyright laws that prohibit the reproduction of the test questions without the prior express, written permission of ACT, Inc and ConnecME Education. No portion of this booklet may be copied or distributed without written permission of ACT and ConnecME Education.

ACT International Subject Test is a unique, research-based assessment. Based on research and designed in partnership with the nation's leading educators, the assessment offers a comprehensive, aligned approach to measuring student skills and knowledge.

The ACT International Subject tests are designed to be related to be aligned to your high school curriculum, whether you are studying the national, IB, or US Common Core, you will find a subject test that works for you and rewards you on your excellence in your school year.

Biology

Biology test questions ask students to solve problems and demonstrate understanding of topics including: Biochemistry and the Cell, Genetics and Evolution, and Animal and Plant systems and Ecology.

Chemistry

Chemistry test questions ask students to solve problems and demonstrate understanding of topics such as: states of matter and phase changes, mole concept, chemical formulas, chemical equations, stoichiometry, gas laws, atomic structure, periodicity, chemical bonding, solution properties. Chemistry test questions ask students to apply proportional reasoning and other mathematical thinking to solve problems.

Physics

Physics test questions ask students to solve problems and demonstrate understanding of topics such as: forces and motion (e.g., displacement, velocity, acceleration, momentum, force, impulse, Work-Energy theorem, power, work), fundamental forces (e.g., Newton's law of gravitation, Coulomb's law. Physics test questions ask students to apply proportional reasoning, graphical models, and other mathematical thinking to solve problems.

Mathematics I (Algebra, Geometry)

Students can affirm the Algebra and Geometry skills typically developed through the first years of secondary school. These skills include solving equations, drawing conclusions from data, finding areas and volumes, and making judgments about proofs. Calculators are

allowed, and a reference sheet provides common formulas.

Mathematics II (Algebra II, Pre-Calculus)

Students can affirm their advanced Algebra and pre-Calculus skills. These skills include understanding complex numbers, modeling with vectors and matrices, applying advanced functions, finding limits, fitting a normal distribution, and interpreting graphs in the polar coordinate plane. Calculators are allowed, and a reference sheet provides common formulas.

U.S. History

U.S. History test covers a detailed overview of United States history, from the country's beginnings to the post-World War II era. Test questions ask student to show knowledge and insight into the forging of the new nation, the sectional conflicts that nearly tore it apart, and the Civil War and Reconstruction. Student needs to know topics such as: nineteenth-century industrialization and urbanization, the growth of the West and the "New South," and political efforts to reform capitalism. Student should be able to investigate and interpret past events, and apply what you have learned to real-world situations.

English I / English II

ACT Subject tests for English 1 and 2 assess students' knowledge, skills, and abilities as readers and writers. Questions use a diverse collection of authentic, high-quality texts that have been taught in successful classrooms across the United States, including drama, fiction, nonfiction, and poetry texts, as well as film scripts. The English tests also assess knowledge and skills required to write effectively in high school and college

Please Read carefully.

- When you take the ACT Subject Tests, please think carefully about all the choices in each question and answer.
- Plan to use the allotted time as follows:
 - ✓ Answer the easy questions first.
 - ✓ Work on less time-consuming questions.
 - ✓ Move to more challenging questions giving them enough time.
- Make educated guesses: eliminate choices you know for sure they are wrong.
- Work at steady pace and keep track of time.

On Test Day

You can feel calm and prepared for test day by knowing what you can and cannot bring into the test room with you.

Items to Bring for Testing:

- A printed copy of your admission ticket with photo, which is required for entry to the test center.
- A photo ID, as specifically requested in correspondence and outlined on the ticket.
- An acceptable calculator if taking a science or math subject test.
- A non-digital watch (The testing room will have a clock, but you're allowed to bring a non-digital watch).
- Keep your ID and admission ticket with you at all times, especially if you leave the testing room. You may be asked to show your ID or admission ticket at any time while in the test center. Don't write on the admission ticket.

Items NOT to Bring for Testing:

- Smart watch features and audible alarms are prohibited.
- Textbooks, foreign language or other dictionaries, scratch paper, notes, or other aids.

- Any electronic device, other than a permitted calculator (this includes your mobile phone, smart watch, fitness band, media player, iPad, headphones, and camera)
- Reading material

Calculators

Students are encouraged, but not required, to bring an approved scientific calculator on the following ACT Subject Tests:

- Math I
- Math II
- Chemistry
- Physics

Scientific calculators are available as on-screen tools within all four of the subject tests listed above. Therefore, if students do not bring an approved calculator with them to the testing location, they will be able to use the on-screen version.

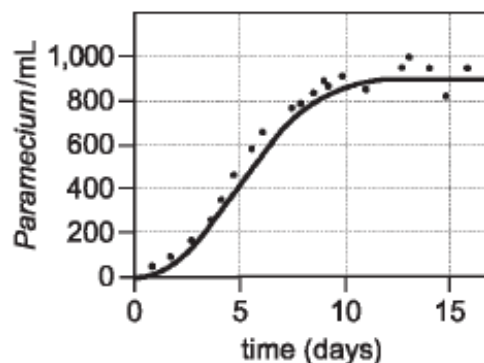
The following types of calculators are **prohibited**:

- Calculators with built-in computer algebra systems—Prohibited calculators in this category include:
 - Texas Instruments: All model numbers that begin with TI-89 or TI-92 and the TI-Nspire CAS—*Note: the TI-Nspire (non-CAS) is permitted.*
 - Hewlett-Packard: HP Prime, HP 48GII, and all model numbers that begin with HP 40G, HP 49G, or HP 50
 - Casio: Algebra fx 2.0, ClassPad 300, ClassPad 330, fx-CP400 (ClassPad 400), and all model numbers that begin with CFX-9970G
- Handheld, tablet, or laptop computers, including PDAs
- Electronic writing pads or pen-input devices—*Note: The Sharp EL 9600 is permitted.*
- Calculators built into cell phones or any other electronic communication devices
- Calculators with a typewriter keypad (letter keys in QWERTY format)—*Note: Letter keys not in QWERTY format are permitted.*

Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: Biology

- Chan wants to determine how much the mass of fungus growing on a nutrient agar plate changes over an 8 hour period. What is the most appropriate unit of measure for him to use?
 - Kilogram
 - Kilometer
 - Milligram
 - Millimeter
- Which experiment design would provide scientists with the best data for investigating which type of feed yields the greatest gain in lean muscle mass in cattle?
 - Test 5 different types of cows with the same feed mixture and measure their weight gain at the end of a 6 week trial.
 - Test 5 similar groups of cows with 5 different feed mixtures and measure their weight gain at the end of a 6 week trial
 - Test 5 similar groups of cows with the same feed mixture, give each group varying amounts of feed, and measure their weight gain at the end of a 6 week trial.
 - Test 5 different types of cows with 5 different feed mixtures give each group varying amounts of feed and measure their weight gain at the end of a 6 week trial
- Shown below is a growth curve for Paramecium grown in a 1.0L flask containing pond water at 20°C The pond water is continually filtered to remove waste products, and nutrients are added at a constant rate.



How could the experiment be modified to determine whether temperature influences the population size of Paramecium?

- Repeat the procedures described using 1 flask, and increase the temperature to 25°C for Days 10-15
 - Repeat the procedures described using 1 flask, and vary the temperature randomly during the entire incubation time.
 - Repeat the procedures described using 2 flasks incubate 1 flask at 15°C and the other at 25°C.
 - Repeat the procedures described using 2 flasks incubate both flasks at 20° C
- A researcher counted the number of eggs a single fruit fly laid in 24 hours for 5 days and recorded the findings in this table:

Day	Number of eggs
1	10
2	14
3	7
4	8
5	11

What is the average number of eggs laid per day over the 5 days?

- a. 5
 - b. 10
 - c. 25
 - d. 50
5. Ella told her sister the sun would set at 6:30 pm and there would be a full moon on Thursday night. Under which basic assumption of science is she operating?
- a. Nature is orderly
 - b. Knowledge is superior to ignorance
 - c. Nothing is self-evident
 - d. All phenomena have natural causes
6. Edison studies the effects of temperature on starch digestion in a test tube. He adds 2g of starch and 1ml of enzyme suspension to a test tube and incubates it at 25°C for 20 min. To accurately test the effects of temperature, Edison should begin a second test with 2g of starch in a test tube and continue with which set of conditions?
- a. 1 mL of enzyme suspension incubated at 25°C for 10 min
 - b. 1 mL of enzyme suspension incubated at 37°C for 20 min
 - c. 2 mL of enzyme suspension incubated at 25°C for 20 min
 - d. 2 mL of enzyme suspension incubated at 37°C for 10 min
7. Which processes generates most of the ATP produced during cellular respiration?
- a. Electron transport chain
 - b. Fermentation
 - c. Glycolysis
 - d. Krebs Cycle
8. Which functional group found in amino acids is absent from monosaccharides, polysaccharides, fatty acids and glycerol?
- a. $-COOH$
 - b. $-NH_2$
 - c. $-OH$
 - d. $-PO_4$
9. Stephanie adds cycloheximide to cells grown in a test tube. Within minutes, she identifies short incomplete segments of proteins in the cells. On which organelle does cycloheximide act?
- a. Endoplasmic reticulum
 - b. Golgi apparatus
 - c. Nucleus
 - d. Ribosome
10. When comparing 2 populations of animals, which state most likely indicates that they are the same species?
- a. They produce fertile offspring
 - b. They inhabit the same general area
 - c. Their outward appearance is similar
 - d. They consume the same type of diet

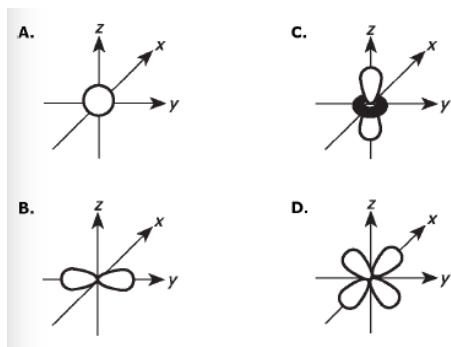
Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: Chemistry

- What is volume, in mL, of a sample of glycerol with a density of 1.20 g/mL and a mass of 43.7g?
 - 36.4
 - 42.5
 - 44.9
 - 52.4
 - Which representation is a structural formula?
 - O
 - HO
 - H₂O₂
 - H-O-O-H
 - Which statement correctly describes 1 mole of iodine (I₂)?
 - Its mass is 126.9 g
 - Its mass 380.7 g
 - It contains 6.02 x 10²³ atoms
 - It contains 6.02 x 10²³ molecules
 - Which balanced chemical equation is a single replacement reaction?
 - $2 \text{K}(s) + \text{Br}_2(l) \rightarrow 2 \text{KBr}(s)$
 - $2 \text{HgO}(s) \rightarrow 2 \text{Hg}(l) + \text{O}_2(g)$
 - $\text{Zn}(s) + \text{CuSO}_4(aq) \rightarrow \text{ZnSO}_4(aq) + \text{Cu}(s)$
 - $\text{NaCl}(aq) + \text{AgNO}_3(aq) \rightarrow \text{NaNO}_3(aq) + \text{AgCl}(s)$
 - A student measures the mass of an American nickel on an analytical balance and records a results of 4.947g in her laboratory notebook. The US Mint has a specification of 5.000g for the mass of a nickel. Assuming the US Mint's specification is the actual mass of a nickel, what is the percent error associated with the student's measurement?
 - 1.071%
 - 1.060%
 - 0.01071%
 - 0.01060%
 - At high temperatures, tantalum(V) oxide(Ta₂O₅) reacts with carbon (C) to produce tantalum (Ta) and carbon dioxide (CO₂)
$$2 \text{Ta}_2\text{O}_5(s) + 5 \text{C}(s) \rightarrow 4\text{Ta}(s) + 5 \text{CO}_2(g)$$

Greg adds 2.34g of Ta₂O₅ to an excess of C in a crucible. Using a Bunsen burner, he heats the mixture until CO₂ is no longer released Greg isolates 1.75g of Ta. What is the percent of yield of Ta for this reaction?
- 37.4%
- 54.6%
- 74.8%
- 91.3%
- Which type of bond involves the transfer of electrons?
 - Covalent bond?
 - Hydrogen bond
 - Ionic bond
 - Metallic bond

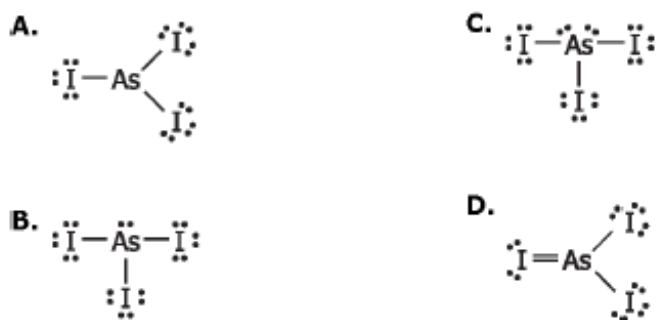
8. The representations show 4 different types of atomic orbitals. Which type of atomic orbital contains the outermost electron in a neutral neon (Ne) atom?



9. Which list contains elements arranged in order of increasing electronegativity?

- Be, B, C, F
- Br, Se, Ga, K
- N, P, As, Sb
- O, Ge, In, Hg

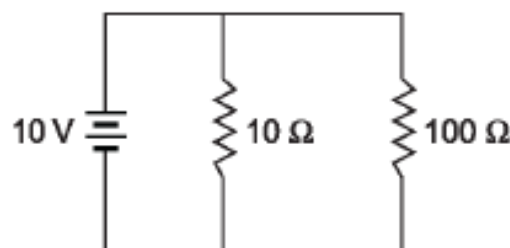
10. Which is the Lewis dot structure of arsenic triiodide (AsI_3)



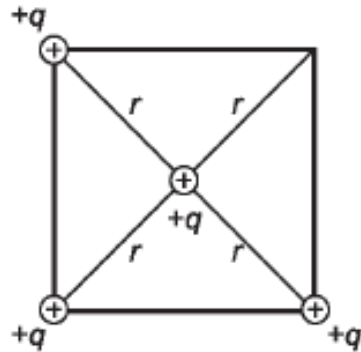
Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: Physics

- Which statement about the velocity and acceleration of an object traveling in a circle at a constant speed is true?
 - Neither the velocity nor the acceleration is constant
 - Both the velocity and acceleration are constant
 - The acceleration is constant, but the velocity is not
 - The velocity is constant, but the is not acceleration
- A 15kg crate initially at rest on a horizontal floor requires 60.0 N of horizontal force to move. Determine the coefficient of static friction between the crate and the floor.
 - 0.25
 - 0.41
 - 2.5
 - 4.0
- Four identical springs evenly support a steel bock of weight W . The elastic constant of each spring is k . Which expression gives the distance of compression from equilibrium?
 - $\sqrt{\frac{W}{2k}}$
 - $\sqrt{\frac{8W}{k}}$
 - $\frac{W}{4k}$
 - $\frac{4W}{k}$
- In which situation is mechanical energy conserved?
 - A parachutist jumps from an airplane and comes to terminal velocity due to air friction
 - A box is kicked across a level floor and stops after sliding a few feet
 - A spring oscillates up and down without any change in amplitude
 - A ball is dropped to the floor and bounces back to half the height from which it was dropped
- Robert's mass is 55.00kg during soccer practice he runs up a set of stairs in 5.00s. The total vertical height of the stairs is 6.00m. What is Roberto's power output, in watts?
 - 66.00
 - 108.00
 - 647.
 - 3234
- A 2000 kg spaceship is 11.00×10^5 m above Earth's surface. What is the gravitational force, in Newtons acting on the spaceship?
 - 1.65×10^4
 - 1.90×10^4
 - 1.23×10^{11}
 - 1.35×10^{11}
- What is the equivalent resistance, in ohms in this circuit?
 - 0.11
 - 9.09
 - 90.0
 - 110



8. Mima prepares 4 identical foam beads, each carrying same charge $+q$. She places 1 bead at each of 3 corners and 1 bead at the center of a square of diagonal length $2r$, as shown in this figure.



What is a magnitude of the net force on the bead t the center of the square?

- A. 0
B. $\frac{kq^2}{r^2}$
C. $\frac{2kq^2}{r^2}$
D. $\frac{kq^2}{2r^2}$
9. A laser beam travels from water with an index of refraction of 1.33 into glass with an index of refraction 1.50. The angle of refraction is 40° . What is the angle of incidence?
a. 34.7°
b. 46.5°
c. 58.7°
d. 74.6°
10. A light wave has an intensity of 200 W/m^2 The amplitude of the light wave is tripled. What is the intensity of the light, in W/m^2 ?
a. 22.2
b. 66.7
c. 600
d. 1800

Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: Math I

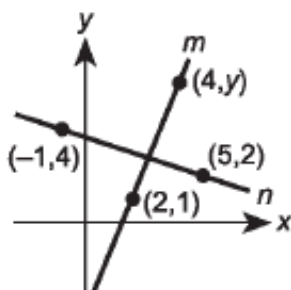
1. The amount, a , earned by Hari and Desmond by depositing money for a period of time, t , is the solution to these equations:

$$\begin{cases} 2a = 1600t + 20000 \\ 1.5a = 1280t + 14500 \end{cases}$$

What is the solution to this system of equations?

- $t = 0.2, a = 20,320$
 - $t = 0.2, a = 10,160$
 - $t = 6.25, a = 30,000$
 - $t = 6.25, a = 15,000$
2. In the coordinate plane, \overline{m} passes through the points $(-1, 4)$ and $(5, 2)$ and \overline{n} passes through the points $(2, 1)$ and $(4, y)$. For what value of y is \overline{n} perpendicular to \overline{m} ?

- $-\frac{1}{3}$
- $\frac{1}{3}$
- 5
- 7

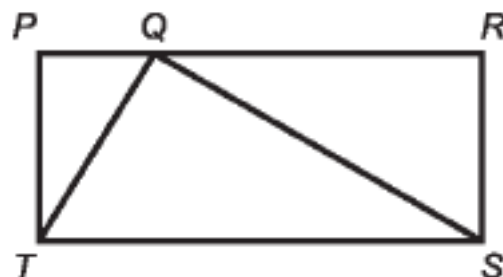


3. Two unique rays determine an angle. How many different angles do 10 rays with a common endpoint determine?

- 17
- 20
- 45
- 55

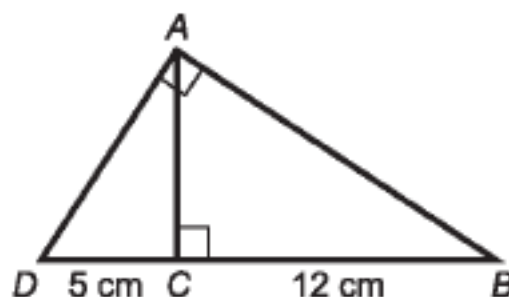
4. In rectangle $PRST$, $\overline{QT} \perp \overline{SQ}$. Given that all of the triangles are similar which statement is correct?

- $\triangle QTS \sim \triangle PQT$
- $\triangle QTS \sim \triangle RQS$
- $\triangle PQT \sim \triangle SQR$
- $\triangle PQT \sim \triangle RQS$



5. In the right triangle $\triangle DAB$, \overline{AC} is an altitude. What is AC , in centimeters?

- 7
- $2\sqrt{15}$
- 13
- $6\sqrt{10}$



6. What is the value of the expression $1 + \frac{1}{x} + \frac{x}{x^2} + \frac{x^2}{x^3}$ for $x = -4$

- a. $\frac{1}{4}$
- b. $\frac{19}{24}$
- c. $1\frac{1}{12}$
- d. $1\frac{3}{4}$

7. Evaluate this expression for $x = \frac{1}{2}$ and $y = \frac{1}{3}$
 $x^2y - (x^2 - y^2) + xy^2$

- a. 0
- b. $\frac{1}{23}$
- c. $\frac{2}{35}$
- d. $\frac{2}{9}$

8. What is the product of $x+2y + z$ and $2z^2 + 1$

- a. $x + 2y + 2z^3 + 1$
- b. $2xz^2 + 4yz^2 + 2z^3 + 1$
- c. $2xz^2 + 4yz^2 + 2z^3 + x + 2y + z$
- d. $2xz^2 + 4yz^2 + 2z^2 + x + 2y + z$

9. When a student subtracts 18 from a number, the result is $\frac{1}{4}$ of the number. What is the number?

- a. 6
- b. 18
- c. 24
- d. 36

10. At a sawmill, the circumference of the base of a con-shaped pile of sawdust is 50ft. The cone rises at an angle of 40° . To the nearest tenth of a foot, how tall is the pole of sawdust? (Note $\pi = 3.14$)

- a. 5.1
- b. 6.1
- c. 6.7
- d. 9.5



Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: Math II

1. Hunter's Transport Company has 7 dump trucks, 5 cement trucks, and 9 drivers. Dump trucks haul 6 tons, while cement trucks haul 10 tons. The company has a contract to transport 360 tons of gravel and cement per day to a road construction site. The dump trucks can make 8 trips a day, while the cement trucks can make 6 trips a day. A dump truck costs \$30 per day, and a cement truck costs \$42 per day. If all 9 drivers work on this job, using how many trucks of each type will minimize the cost?
- 4 dump and 5 cement trucks
 - 5 dump and 4 cement trucks
 - 6 dump and 3 cement trucks
 - 7 dump and 2 cement trucks

2. What is the area of the figure determined by this system of inequalities?

$$\begin{cases} -4 \leq x \leq 0 \\ -6 \leq y \leq 0 \end{cases}$$

- 6
 - 15
 - 24
 - 2
3. For the equation $x^2 - 4x + 4 = 9$, determine the discriminant
- 36
 - 0
 - 6
 - 36
4. If $c - d = 7$ and $c = 3 - 4i$, what is d ?
- $-4 - 4i$
 - $-4 + 4i$
 - $4 - 4i$
 - $4 + 4i$

5. What is the value of $\left[8 \left(\cos \frac{\pi}{2} + i \sin \frac{\pi}{2} \right) \right]^{\frac{2}{3}}$?
- $1 + i\sqrt{3}$
 - $2(1 + i\sqrt{3})$
 - $2(\sqrt{3} + i)$
 - $4(1 + i\sqrt{3})$

6. Which expression is equivalent to:

$$\frac{\cos \theta + \cos^2 \theta}{\sin \theta - \sin \theta \cos \theta} ?$$

- $\cot \theta \cot^2 \frac{\theta}{2}$
- $\tan \theta \tan^2 \frac{\theta}{2}$
- $\cot \theta \cos^2 2\theta$
- $\tan \theta \tan^2 2\theta$

7. Which function has an x-intercept at $(-1, 0)$ and a horizontal asymptote of $y = -\frac{3}{2}$?

a. $\frac{3x^2-7x+1}{2x^2+2}$

b. $\frac{6x^2-7x+1}{-4x^2+2}$

c. $\frac{12x^2-13x+1}{-8x^2+3}$

d. $\frac{15x^2+16x+1}{-2x^2+7}$

8. Evaluate $\sum_{n=1}^{\infty} \frac{1}{2} (-3)^{-n}$

a. $-\frac{1}{4}$

b. $-\frac{1}{8}$

c. $\frac{1}{8}$

d. $\frac{3}{4}$

9. Which equation has a graph which is symmetric with respect to the origin?

a. $y=|x|$

b. $y=x^3-2x$

c. $y=\frac{4}{x^2}$

d. $y=-3x^4$

10. Simplify $\log_b a^3 - \log_b a^2$

a. $\log_b a$

b. $\log_b a^5$

c. $\log_b a^6$

d. $\log_b a^{3/2}$

Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: English I

Directions:

Each passage in this test is followed by several questions. After reading a passage, choose the best answer provided for each question and circle the corresponding letter. You may refer to the passages as often as necessary.

Our House in the Last World

5 Down in the cool basement of the hotel restaurant, Alejo Santinio looked over a yellowed newspaper clipping dating back to 1961. He had not looked at it recently, although in the past had always been proud to show it to visitors. And why? Because it was a brief moment of glory. In the picture Alejo and his friend Diego were in their best dress whites standing before a glittering case of desserts. Beside them was a fat, cheery beaming face, the Soviet premier Nikita Khrushchev, who was attending a luncheon in his honor at the hotel.

10 Alejo always told the story: The governor and mayor were there with the premier, who had "great big ears and a bright red nose." The premier had dined on a five-course meal. The waiters and cooks, all nervous wrecks, had fumbled around in the kitchen getting things in order. But outside they managed an orderly composed appearance. After the meal had been served, the cooks drew lots to see who would wheel out the dessert tray. Diego and Alejo won.

15 Alejo put on his best white uniform and apron and waited in the foyer, while, outside, news reporters fired off their cameras and bodyguards stood against the walls, watching. Alejo and Diego did not say anything. Alejo was bewildered by the situation: Only in America could a worker get so close to a fat little guy with enormous power.

20 When the time came they filled up shiny bowls with ice cream, brought out the sauces and hot fudge, and loaded them all onto a dessert cart. Alejo was in charge of cherries. They went out behind the maitre d' and stood before the

premier's table. They humbly waited as the smiling premier looked over the different desserts. Through a translator the premier asked for a bowl of chocolate

45 and apricot ice cream topped with hot fudge, coconut, and a high swirl of fresh whipped cream. This being served, Alejo picked out the plumpest cherry from a bowl and nimbly placed it atop the dessert.

50 Delighted, the premier whispered to the translator, who said, "The premier wishes to thank you for this masterpiece."

55 As Diego and Alejo bowed, lightbulbs and cameras flashed all around them. They were ready to wheel the cart back when the premier rose from the table to shake Diego's and Alejo's hands. Then through the translator he asked a few questions. To Alejo: "And where do you come from?"

60 "Cuba," Alejo answered in a soft voice.

65 "Oh yes, Cuba," the premier said in halting English. "I would like to go there one day. Cuba." And he smiled and patted Alejo's back and then rejoined the table. A pianist, a violinist, and a cellist played a Viennese waltz.

70 Afterward reporters came back into the kitchen to interview the two cooks, and the next morning the Daily News carries a picture of Alejo, Diego, and Khrushchev with a caption that read: DESSERT CHEFS CALL PREMIER HEAP BIG EATER. It made them into celebrities for a few weeks.

75 Adapted from Oscar Hijuelos, *Our House in the Last World*. © 1983 by Oscar Hijuelos.

- 1) What indicates that the events described in the first paragraph happened long ago?
- A. Alejo is alone in the hotel and not working.
 - B. Alejo had not read a newspaper recently.
 - C. The newspaper clipping has yellowed.
 - D. Alejo was no longer proud of the event.
- 2) As suggested by the passage, why do the kitchen staff compete for the right to wheel out the dessert tray?
- A. They do not like each other very well.
 - B. They wanted to poke fun at the premier.
 - C. It was difficult to make a decision because they looked nervous.
 - D. It was an honor to serve the premier.
- 3) What does “composed” most nearly mean as used in line 23?
- A. Agitated
 - B. Desperate
 - C. Organized
 - D. Poised
- 4) Which word best describes the presentation of dessert in lines 36-51?
- A. Ceremonial
 - B. Frantic
 - C. Informal
 - D. Uncomfortable
- 5) What do lines 15-65 contribute to the passage?
- A. They explain why Alejo asked for the photograph to be taken.
 - B. They tell the story that goes with the photograph.
 - C. They show how much Alejo has changed.
 - D. They reveal Alejo's current job at the restaurant.

The Indian Dog

When I was growing up I lived in a pueblo in New Mexico. There one day I bought a dog. I was twelve years old, the bright autumn air was cold and delicious, and the dog was an unconscionable bargain at five dollars.

It was an Indian dog; that is, it belonged to a Navajo man who had come to celebrate the Feast of San Diego. It was one of two or three rangy animals following in the tracks of the man's covered wagon as he took leave of our village on his way home. Indian dogs are marvelously independent and resourceful, and they have an idea of themselves, I believe, as knights and philosophers.

The dog was not large, but neither was it small. It was one of those unremarkable creatures that one sees in every corner of the world, the common denominator of all its kind. But on that day—and to me—it was noble and brave and handsome.

It was full of resistance, and yet it was ready to return my deep, abiding love; I could see that. It needed only to make a certain adjustment in its lifestyle, to shift the focus of its vitality from one frame of reference to another. But I had to drag my dog from its previous owner by means of a rope. Its bushy tail wagged happily all the while.

That night I secured my dog in the garage, where there was a warm clean pallet, wholesome food, and fresh water, and I bolted the door. And the next morning the dog was gone, as in my heart I knew it would be; I had read such a future in its eyes. It had squeezed through a vent, an opening much too small for it, or so I had thought. But as they say, where there is a will there is a way—and the Indian dog was possessed of one indomitable will.

I was crushed at the time, but strangely reconciled, too, as if I had perceived intuitively some absolute truth beyond all the billboards of illusion.

The Indian dog had done what it had to do, had behaved exactly as it must, had been true to itself and to the sun and moon. It knew its place in the scheme of things, and its place was there, with its right destiny, in the tracks of the wagon. In my mind's eye I could see it at that very moment, miles away, plodding in the familiar shadows, panting easily with relief, after a bad night, contemplating the wonderful ways of man.

Caveat emptor. But from that experience I learned something about the heart's longing. It was a lesson worth many times five dollars.

Adapted from N. Scott Momaday, "The Indian Dog." © 1997 by N. Scott Momaday.

6) What literary device does the author use in the underlined portion of lines 13-17?

- A. Alliteration
- B. Metaphor
- C. Oxymoron
- D. Personification

- 7) What does the use of the word “resourceful” (line 15) suggest about Indian dogs?
- A. They can adapt to different situations.
 - B. They are very loyal to their owners.
 - C. They seem to be proud of themselves.
 - D. They are braver than other dogs.
- 8) Based on the third paragraph (lines 18-24), which word best describes the appearance of the dog?
- A. Attractive
 - B. Ordinary
 - C. Skinny
 - D. Uncommon
- 9) What does the author mean when he says that the dog must “shift the focus of its vitality from one frame of reference to another” (lines 28-30)?
- A. It must become more dependent on its owner.
 - B. It must get used to living with its new owner.
 - C. It must put its energy into pleasing people.
 - D. It must understand the author's personality.
- 10) What does the author suggest when he says “I had read such a future in its eyes” (lines 39-40)?
- A. He saw that the dog did not like rules.
 - B. He saw that the dog did not like him.
 - C. He knew that the dog would not eat its food.
 - D. He knew that the dog would not be confined.

Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: English II

Directions:

Each passage in this test is followed by several questions. After reading a passage, choose the best answer provided for each question and circle the corresponding letter. You may refer to the passages as often as necessary.

The Rewards of Living a Solitary Life

5 The other day an acquaintance of mine, a gregarious and charming man, told me he had found himself unexpectedly alone in New York for an hour or two between appointments. He went to the Whitney Museum and spent the “empty” time looking at things in solitary bliss. For him it proved to be a shock nearly as great as falling in love to discover that he could enjoy himself so much alone.

15 What had he been afraid of, I asked myself? That, suddenly alone, he would discover that he bored himself, or that there was, quite simply, no self there to meet? But having taken the plunge, he is now on the brink of adventure; he is about to be launched into his own inner space, space as immense, unexplored, and sometimes frightening as outer space to the astronaut. His every perception will come to him with a new freshness and, for a time, seem startlingly original. For anyone who can see things for himself with a naked eye becomes, for a moment or two, something of a genius. With another human being present vision becomes double vision, inevitably. We are busy wondering, what does my companion see or think of this, and what do I think of it? The original impact gets lost, or diffused.

35 “Music I heard with you was more than music.” Exactly. And therefore music *itself* can only be heard alone. Solitude is the salt of personhood. It brings out the authentic flavor of every experience.

40 “Alone one is never lonely: the spirit adventures, walking/In a quiet garden, in a cool house, abiding single there.”

45 Loneliness is most acutely felt with other people, for with others, even with a loved one sometimes, we suffer from our differences of taste, temperament, mood. Human interaction often demands that we soften the edge of perception, or withdraw at the very instant of personal truth. Alone we can afford to be whatever we are, and to feel whatever we feel absolutely.

55 I am lonely only when I am overtired, when I have worked too long without a break, when for the time being I feel empty and need filling up. And I am lonely sometimes when I come back home after a trip, when I have seen a lot of people and talked a lot, and am full to the brim with experience that needs to be sorted out.

60 Then for a little while the house feels huge and empty, and I wonder where my self is hiding. It has to be recaptured slowly by watering the plants, perhaps, and looking again at each one as though it were a person, by feeding the two cats, by cooking a meal.

65 It takes a while, as I watch the surf blowing up in fountains at the end of the field, but the moment comes when the world falls away, and the self emerges again from the deep unconscious, bringing back all I have recently experienced to be explored and slowly understood, when I can converse again with my hidden powers.

Adapted from May Sarton, “The Rewards of Living a Solitary Life.” ©1974 by The New York Time

- 1) What is the purpose of the first paragraph?
- A. To describe the amount of time people spend in museums
 - B. To suggest that most people visit museums alone
 - C. To provide a positive example of solitude
 - D. To explain why it is best to live alone

- 2) What literary device does the author use to compare inner and outer space in lines 16-21?
- A. Analogy
 - B. Foreshadowing
 - C. Onomatopoeia
 - D. Personification
- 3) What does the sentence “Music | heard with you was more than music” (lines 33-34) suggest
- A. It is easier to appreciate music when one listens with others.
 - B. People have different but equally important interpretations of music.
 - C. Music allows people to connect with each another more fully.
 - D. The presence of others detracts from one’s experience of music.
- 4) What type of evidence does the author use to support her arguments about the solitary life?
- A. Interviews
 - B. Observations
 - C. Statistics
 - D. Surveys
- 5) What does the author imply about the feeling of loneliness in lines 52-677
- A. Traveling alone causes it.
 - B. Engaging in daily activities helps relieve it.
 - C. It is the result of meeting others who are lonely.
 - D. It happens most to those who do not know themselves well.

My Grandmother's Love Letters

There are no stars tonight
But those of memory.
Yet how much room for memory there is
In the loose girdle of soft rain.

5 There is even room enough
For the letters of my mother's mother,
Elizabeth,
That have been pressed so long
Into a corner of the roof
10 That they are brown and soft,
And liable to melt as snow.

Over the greatness of such space
Steps must be gentle.
It is all hung by an invisible white hair.
15 It trembles as birch limbs webbing the air.

And I ask myself:

"Are your fingers long enough to play
Old keys that are but echoes:
Is the silence strong enough
20 To carry back the music to its source
And back to you again
As though to her?"

Yet I would lead my grandmother by the hand
Through much of what she could not understand
25 And so I stumble. And the rain continues on the roof
With such a sound of gently pitying laughter.

Hart Crane, "My Grandmother's Love Letters." ©
1986 by Marc Simon.

6) Which word best describes the speaker's mood in lines 1-4?

- A. Anxious
- B. Puzzled
- C. Reflective
- D. Sorrowful

7) What does the speaker imply when he observes that letters are as "liable to melt as snow" (line 11)?

- A. They are fragile.
- B. They are illegible.
- C. They are forgettable.
- D. They are uninspired.

8) What is the meaning of “space” as used in line 12?

- A. Air
- B. Memory
- C. Silence
- D. Stars

9) What does the speaker imply in lines 17-22?

- A. Childhood is not worth remembering.
- B. Memories are not important.
- C. Art cannot stand the test of time.
- D. Memories can bring the past to life.

10) What literary device does the poet use in lines 25-26?

- A. Hyperbole
- B. Onomatopoeia
- C. Personification
- D. Simile

Sample Questions

Below are 10 sample multiple choice questions from the ACT International Subject Test: US History

Directions:

Choose the best answer provided for each question and circle the corresponding letter.

1) Which statement best describes President Jefferson's feelings about Louisiana Purchase?

- A. He believed the U.S. had a destiny to expand to the West.
- B. He was reluctant to claim lands that were occupied by Indians.
- C. He was concerned the development might foster increased political opposition.
- D. He feared territorial expansion would encourage the extension of slavery.

2) What social movement does this nineteenth-century magazine illustration represent?



- A. Nativism
- B. Prohibition
- C. Suffrage
- D. Temperance

3) Why did many Northerners strongly object to the 1846 war with Mexico?

- A. Because most Yankees were outspoken pacifists
- B. Because the likelihood of unparalleled carnage was so great
- C. Because a U.S. victory could result in the expansion of slavery
- D. Because U.S. defeat would mean the loss of Texas to Mexico

4) Prior to United States entry into World War I, what factor most challenged its neutrality?

- A. Germany's unrestricted submarine warfare
- B. Mexico's support of the Central Powers
- C. Russia's withdrawal of troops after the Bolshevik Revolution
- D. Great Britain's blockade of European ports

5) A first-generation German immigrant living in the United States in 1917 would most likely have faced which challenge?

- A. Threat of arrest for supporting Socialist presidential candidate Eugene V. Debs
- B. Repression and possible deportation for objecting to the war in Europe
- C. Discrimination resulting from the widespread racism associated with social Darwinism
- D. Anger from antiwar groups targeting supporters of President Wilson

6) What was the goal of President Wilson's Fourteen Points?

- A. To impose punitive measures on aggressor nations
- B. To provide a plan for a just and lasting peace
- C. To distribute colonial possessions equitably
- D. To implement a comprehensive reparations plan

7) The following statements from the 1880s express the sentiments of suffragettes prior to the advent of the Progressive Era.

"The ignorance and indifference of the majority of women, as to their status as citizens of a republic, is not remarkable, for history shows that the masses of all oppressed classes, in the most degraded conditions, have been stolid and apathetic until partial success had crowned the faith and enthusiasm of the few"

"But when at last woman stands on an even platform with man his acknowledged equal everywhere, with the same freedom to express herself in the religion and government of the country, then, and not until then. . . will he be able to legislate as wisely and generously for her as for himself."

Using your knowledge of the Progressive Era (1890s-1920s), write an essay in which you assess whether or not attempts by the progressive movement to achieve equality for women were successful. In your essay, discuss TWO of the following to support your analysis:

- Birth control
- The Seventeenth Amendment (Direct election of senators)
- The Nineteenth Amendment (Women's suffrage)

You may include any additional subject/examples to support your analysis.

The ACT logo features the letters 'ACT' in a large, blue, serif font. A red swoosh underline is positioned under the letter 'A'.

ACT[®] International Subject Tests

Powered by **CONNECME**
EDUCATION

www.connecme.com
connecme.actclub.org/

ACT is committed to representing the diversity of society in all its aspects, including race, ethnicity, and gender. ACT employs extensive reviews and statistical procedures to ensure the fairness of test materials. ACT conducts research and periodically updates tests to provide test content that reflects classroom instruction and continues to be a relevant predictor of college and career readiness. There may be differences between the ACT practice questions in this booklet and the test students take on test day. ACT endorses the Code of Fair Testing Practices in Education and the Code of Professional Responsibilities in Educational Measurement, which guide the conduct of those involved in educational testing. ACT is committed to ensure that each of its testing programs upholds the guidelines in each Code. You may locate copies of these Codes through the following organizations: • Code of Fair Testing Practices in Education, American Psychological Association (www.apa.org) • This document is covered by international copyright laws that prohibit the reproduction of the test questions without the prior express, written permission of ACT, Inc and ConnecME Education. No portion of this booklet may be copied or distributed without written permission of ACT and ConnecME Education.