

Knowledge Master

ESD #189 Practice Questions

2015

ESD #189 Practice Questions Page 1

1.

A scuba diver who has come to the surface too quickly will develop nitrogen bubbles in his tissues. Treatment for this condition may involve putting the victim into what kind of chamber?

decompression (hyperbaric)

2.

What suffix indicates a language or dialect?

-ese

3.

You want to divide 48 into two integers so that when the smaller one is divided by 4 and the larger one is divided by 6, the sum of the quotients is 9. What are the two integers?

12 and 36

4.

While erosional plains have been leveled by forces such as water, wind, and glacial action, what kind of plains are formed from the same forces spreading eroded sediments?

depositional plains

5.

Convert $-3\pi/2$ radians to degrees.

-270 degrees

6.

What word is missing in this excerpt from Hamlet?
What a piece of work is a ----! how noble in reason! how infinite in faculty! in form and moving how express and admirable! in action how like an angel! in apprehension how like a god! the beauty of the world.

man

7.

It is the third largest city of Italy. It is on a bay which opens into the Tyrrhenian Sea. On one side of the bay is Mt. Vesuvius. Name this city known to the ancient Greeks as Neapolis.

Naples

8.

A metrical romance in six books of twelve cantos each was written by Edmund Spenser. In it Prince Arthur arrives at the court of Gloriana, queen of Faeryland. Name the book.

The Faerie Queene

9.

The U.S. Marine hymn contains the place name of what site in North Africa where Lieutenant Stephen Decatur captured and burned the U.S. frigate, Philadelphia?

Tripoli

10.

Which of the two landlocked South American countries is sometimes called the "Corazon de America"?

Paraguay

ESD #189 Practice Questions Page 2

- 11.**
What was the acronym for the army corps of the Mediterranean Expeditionary Force that fought in the battle of Gallipoli and was formed of New Zealanders and Australians?
- ANZAC
- 12.**
What bomb first tested in 1952 by the U.S. and in 1953 by the Soviets was hundreds of times more powerful than the atomic bombs dropped on Hiroshima and Nagasaki?
- hydrogen bomb
- 13.**
Associated especially with Neville Chamberlain, name the policy of pacifying an aggressive nation in the hopes of avoiding further conflict.
- appeasement
- 14.**
What electrode in an electrolytic cell has a positive charge and attracts negative ions?
- anode
- 15.**
Mount Pelee erupted in 1902 on the island of Martinique. In 1995, what nearby island suffered another enormous volcanic eruption?
- Montserrat
- 16.**
What is the Latin phrase used in law meaning "after the deed is done"?
- ex post facto
- 17.**
What comic technique is an actor using by first looking at something and seeming to see nothing out of the ordinary, but then looking again with surprise and heightened understanding?
- double take
- 18.**
What figure of speech is used in this line from "The Canterbury Tales"?
As lean was his horse as is a rake.
- simile (or hyperbole)
- 19.**
The altiplano is an extensive plateau of Argentina, Bolivia, and what other country?
- Peru
- 20.**
Name the largest and newest federal territory of Canada.
- Nunavut

ESD #189 Practice Questions Page 3

- 21.**
Hypophysis is another name for what small endocrine gland at the base of the hypothalamus?
- pituitary gland
- 22.**
Flies are to maggots as beetles are to what?
- grubs
- 23.**
How many atoms of oxygen are in one molecule of hydrogen peroxide?
- 2 .
- 24.**
What condition results from excessive accumulation of fat resulting from compulsive overeating?
- obesity
- 25.**
The delusion reached its height in 1692 when 19 persons were hanged or was pressed to death, 150 were imprisoned, and 200 more were accused. Name the Massachusetts town where these atrocities were committed.
- Salem
- 26.**
If a truck begins from rest and accelerates uniformly to a velocity of 80 feet per second after traveling 250 feet, what is its acceleration?
- 12.8 feet per second per second
- 27.**
What archipelagic country is immediately north of the Celebes Sea?
- Philippines
- 28.**
What is the meaning of the prefix in the words hagiography, hagiolatry, and hagiarchy?
- saint (holy)
- 29.**
What degree of comparison is illustrated by the first adjective in the song, "This is My Country"?
- superlative
- 30.**
What American general who had been heroic in the battles of Princeton, Trenton, and Saratoga was court-martialed and convicted after he surrendered Fort Detroit without even a single shot fired during the War of 1812?
- William Hull

ESD #189 Practice Questions Page 4

31.

What is another name for analytic geometry?

coordinate (Cartesian) geometry

32.

What is the capital of the state immediately east of the state whose capital is Jackson?

Montgomery

33.

What grubby private investigator created by Dashiell Hammett calls his girl "Sweetheart" and "Angel," drinks Bacardi straight, rolls his own cigarettes, and continually runs into attractive female clients who lie to him?

Sam Spade

34.

The Cumberland Road was also known as what other road?

National Road

35.

In ancient Athens, Meletus, Anytus, and Lycon accused what philosopher of corrupting the youth of the city?

Socrates

36.

What archipelago features the largest and most prominent shield volcano chain in the world?

Hawaiian Islands

37.

These are regional types of what meteorological phenomena?

pampero
brickfielder
buran
norther

winds

38.

What adjective describes any solution containing one gram-equivalent of a substance per liter?

normal

39.

A trapezoid has an area of 70 square inches. Its height is 7 inches and one base is 12 inches. What is the length of the other base?

8.

40.

Ancient Greeks believed that four elements were the basic components of matter. Aristotle said that which of these was "hot and dry"?

fire

ESD #189 Practice Questions Page 5

- 41.**
What adjective derived from the Latin word for "flower" indicates music that is highly ornamented?
- florid
- 42.**
What town in England on the Trent River is near Sherwood Forest and figures in the legends of Robin Hood?
- Nottingham
- 43.**
A fairy ring may be seen growing on lawns. Once it was believed to be caused by a ring of dancing fairies. What type of plant life marks the outer perimeter of this ring?
- mushrooms
- 44.**
What kind of wound is also known as a graze?
- abrasion
- 45.**
The relation between .02% and .02 is 1 to what?
- Charles Goodyear
- 46.**
Name the tool resembling a slotted nut used for cutting external pipe threads.
- die
- 47.**
What major island lies between Sardinia and Italy?
- Corsica
- 48.**
In James Whitcomb Riley's poem, "Little Orphant Annie," what will get you if you don't watch out?
- Gobble-uns
- 49.**
Who invented vulcanized rubber?
- Charles Goodyear
- 50.**
In "The Adventures of Tom Sawyer," Mark Twain refers to whom as "the juvenile pariah of the village"?

ESD #189 Practice Questions Page 6

- 51.**
What two words are left out of this statement illustrating ellipsis?
The sheriff believed her more than me.
- he believed
- 52.**
Samuel Colt first produced a large quantity of revolvers for what war?
- Mexican War
- 53.**
The first glass factory on the North American continent was built in 1607 in what colony?
- Jamestown
- 54.**
This is from the opening scene of what Shakespearean tragedy?
What art thou that usurp'st this time of night,
together with that fair and warlike form
in which the majesty of buried Denmark did
sometimes march? By heaven I charge thee,
speak!
- Hamlet
- 55.**
On an alphabetical list of the four Galilean moons, which two are neither first nor last?
- Europa, Ganymede
- 56.**
What Public Enemy Number One escaped from jail in Lima, Ohio, and again in 1934 from the "escape-proof" county jail in Crown Point, Indiana?
- John Dillinger
- 57.**
Oscar Collazo and Griselio Torresola, two Puerto Rican nationalists, failed in their attempt to assassinate what U.S. president?
- Harry Truman
- 58.**
What device that permits a ship's compass mounted on it to tilt freely in any direction remains horizontal when its support is tipped?
- gimbal
- 59.**
An ankh was a symbol of life for what ancient civilization?
- Egypt
- 60.**
What is another name for nuclides?
- isotopes

ESD #189 Practice Questions Page 7

- 61.**
What mood is illustrated in this line?
I wish you were here.
- subjunctive
- 62.**
The apical meristem of a plant is located at both the tip of a shoot or stem and where else?
- tip of a root
- 63.**
This is about whom?
Notorious for cruelty and erratic behavior later in his reign, this first czar of Russia greatly expanded Russian domains and consolidated the power of the monarchy.
- Ivan IV (the Terrible)
- 64.**
Tripoli is to Libya as Khartoum is to what country?
- Sudan
- 65.**
A limited war is fought with objectives less than the unconditional defeat of the enemy. Name the second limited war of the Cold War era.
- Vietnam War
- 66.**
What meter is used in this verse?
To sea, to sea! The calm is o'er;
The wanton water leaps in sport,
And rattles down the pebbly shore;
The dolphin wheels, the sea-cows snort,
- tetrameter
- 67.**
What is the opposite of the autumnal equinox?
- vernal equinox
- 68.**
Who is the protagonist in "Heart of Darkness"?
- Marlow
- 69.**
The neurilemmal sheath covers what other layer of fatty substance surrounding a neuron?
- myelin
- 70.**
If the non-common sides of two adjacent angles are opposite rays, what adjective indicates their relationship?
- supplementary

ESD #189 Practice Questions Page 8

- 71.**
Two leaders who were instrumental in bringing European ideas to Russia were Peter the Great and what 18th-century empress?
- Catherine (Catherine the Great)
- 72.**
What period in Chinese history is famed for its blue and white porcelain dishes and vases?
- Ming
- 73.**
The U.S. Mint's headquarters are in Washington, D.C., but there is a bullion depository at Fort Knox and it has mint facilities in Philadelphia, West Point, San Francisco, and what other western city?
- Denver
- 74.**
Who is the narrator in "The Glass Menagerie"?
- Tom (Tom Wingfield)
- 75.**
Deneb is the brightest star marking the tail of what constellation?
- Cygnus (Northern Cross)
- 76.**
The stratosphere is largely heated from above through the absorption of ultraviolet radiation from the Sun. Which layer of the atmosphere is largely heated from below by absorption of infrared radiation from the Earth's surface?
- troposphere
- 77.**
The subject of an infinitive is in what case?
- objective
- 78.**
Wave height is determined by the duration of the wind, the velocity of the wind, and the distance over which the wind blows called the what?
- fetch
- 79.**
In a tree trunk, the darker heartwood is at the center. What light-colored wood surrounds the heartwood?
- sapwood
- 80.**
The difference between two positive integers is 44. Their product is 1280. What is the smaller integer?

ESD #189 Practice Questions Page 9

- 81.** Scientists involved in taxonomic biology use binomial ---- to classify all living organisms.
- nomenclature
- 82.** These men all served as the president of what Latin American nation?
Lazaro Cardenas
Manuel Camacho
Lopez Mateos
Lopez Portillo
Miguel de la Madrid
Felipe Calderon
- Mexico
- 83.** A pluton was originally a body of what before it hardened?
- magma
- 84.** In 1806, Napoleon's armies defeated what powerful German state?
- Prussia
- 85.** If a 100-pound weight is 3 feet nearer the fulcrum than a 70-pound weight and the lever is balanced, find the distance that the heavier weight is from the fulcrum.
- 7 feet
- 86.** In 1796, Mungo Park's book was published entitled "Travels in the Interior of" where?
- Africa
- 87.** What method is involved when you attempt to find a solution by trying one approach after another until one happens to work?
- trial and error
- 88.** These islands have closest ties to what European country?
Bonaire, Curacao, Saba, St. Eustatius, Aruba
- Netherlands
- 89.** Name the hooklike mark placed beneath the consonant "c" in French to indicate an "s" pronunciation.
- cedilla
- 90.** Sea-level canals join two bodies of water that are at the same elevation and the surface of the canal is at the same level throughout its course. Name the other type of canal with multiple surfaces at different elevations.
- lock canal

ESD #189 Practice Questions Page 10

- 91.**
To this day, there is still controversy about what American ship that sank in 1898 after an explosion caused by either spontaneous combustion of coal in a bunker or a mine planted by the Spanish?
- U.S.S. Maine
- 92.**
During the Crusades, cotton cloth was introduced into Europe in the form of damask, the cloth of Damascus, and muslin, the cloth of what city in modern Iraq?
- Mosul
- 93.**
The ordered pair (9, 0) falls in which quadrant?
- no quadrant (on an axis, on the x axis)
- 94.**
What style of dance that originated in Cuba has a one-two-three-kick pattern?
- conga
- 95.**
This is about what ship?
This American ship weighs 2400 tons, is 204 feet long, has a mast 220 feet high, and is probably the only ship ever saved by a poem.
- U.S.S. Constitution (Old Ironsides)
- 96.**
The Bighorn River is a tributary of what river that flows out of an American national park?
- Yellowstone River
- 97.**
According to the poet Virgil, it was what hero's destiny to found the Roman race?
- Aeneas'
- 98.**
What kind of participle is in this passage?
Coming in for a landing, the control tower radioed the airliner.
- dangling
- 99.**
Scientists are proposing that what mysterious, invisible form of matter is the scaffolding upon which stars and galaxies are assembled?
- dark matter
- 100.**
The first woman ruler about whom there are written records reigned as pharaoh from about 1500 B.C. to 1480 B.C. Name her.
- Hatshepsut

ESD #189 Practice Questions Page 11

101.

What property of an atom is the radii of travel by electrons around the nucleus?

electron shell (energy-level shell)

102.

Simplify the square root of $(54/25)$.

$(3 \text{ times the square root of } 6)/5$

103.

What kind of phrase is used in this example?

Running to the store he fell in the gutter.

participle (or adjective)

104.

These words came into English from what language?
poppycock, coleslaw, monsoon, polder,
keelhaul, muddle, harpoon, patrol

Dutch

105.

Spain and what other country declared war on Britain at the same time that the American Revolution was taking place in the New World?

France

106.

The U.S. Marine code talkers who confounded the Japanese during World War II by transmitting indecipherable messages in their native language were mostly members of what American Indian tribe?

Navajo

107.

What primitive sound-making device consists of a slat of wood attached to a line that makes a roaring sound when whirled?

bullroarer

108.

In 1871, an official proclamation was issued declaring the formation of the German Empire. King William I was proclaimed German emperor. Who became the chancellor?

Otto von Bismarck

109.

Stein weighs 180 pounds. If his skis are 6 feet long and 5 inches wide, how much pressure in pounds per square inch is exerted on the snow?

.25

110.

In what body of water are the mouths of the Orange, Orinoco, and Congo rivers?

Atlantic Ocean

ESD #189 Practice Questions Page 12

111.

Name the special type of bearing that connects two solid objects and allows only a limited angle of rotation between them.

hinge

112.

What daughter of Priam and Hecuba was not believed when she warned that the Trojan horse brought doom to the city?

Cassandra

113.

All of the residents of Piedmont, Arizona, except for a baby and an old man, are killed by extraterrestrial bacteria in what story by Michael Crichton?

The Andromeda Strain

114.

In what state is there an annual Will Rogers Day celebration on November 4?

Oklahoma

115.

Measured in hours and minutes eastward from the vernal equinox, what coordinate on the celestial sphere is analogous to longitude on Earth?

right ascension

116.

Einstein graduated from the Federal Polytechnic School, and became a technical assistant in a patent office in what country?

Switzerland

117.

What element has fewer protons than beryllium and more than helium?

lithium

118.

A device with numerous holes through which polymers are extruded to make synthetic fibers has what name that is the same as the organs through which spiders secrete silk threads?

spinneret

119.

What name for extremists of the French Revolution also refers to the Vietnamese mountain people comprised of some thirty different tribes?

Montagnards

120.

What word completes this Tom Swifty?
"I have only clubs, diamonds, and spades"
said Tom ...

heartlessly

ESD #189 Practice Questions Page 13

121.

What means of communication, which because of its conciseness was prone to misinterpretation, was used in this exchange of messages about a movie star's age?
message: HOW OLD CARY GRANT?
reply: OLD CARY GRANT FINE HOW YOU?

telegraph

122.

These lines are from what poem by Samuel Coleridge?
The lovely lady, Christabel,
Whom her father loves so well,
What makes her in the wood so late
A furlong from the castle gate?

Christabel

123.

Given that an election could only be won by a majority, which candidate emerged as the victor if the votes were distributed as follows?
Seymour - 17 votes
Brunhilde - 23 votes
Garrison - 2 votes
Millicent - 36 votes

nobody (no majority)

124.

A short line added when necessary above or below the lines of a musical staff to increase the range of the staff is what kind of line?

ledger

125.

Ballot measures, initiatives, or propositions in which a proposal is submitted to a popular vote are collectively known as what?

referendums (plebiscites)

126.

What are paintings depicting night scenes collectively called?

nocturnes (nightscapes)

127.

Following the Treaty of Guadalupe-Hidalgo in 1848, what river served as the border between Mexico and the southwestern U.S. until the Gadsden Purchase extended American territory in 1853?

Gila River

128.

This refers to what historical period?
In the early part of this period, the painters Massaccio, Uccello, Botticelli and Bellini interested themselves in the problems of anatomy, composition, perspective, and the representation of space.

Renaissance

129.

Harmful ultraviolet radiation is screened from the Earth by what form of oxygen in the atmosphere?

ozone

130.

The chronic form of anemia that occurs almost exclusively in people of African descent and is marked by crescent-shaped erythrocytes was named after what agricultural implement?

sickle

ESD #189 Practice Questions Page 14

131.

As a kind of extortion, criminal organizations have charged fees to individuals or enterprises in exchange for not doing them any harm. This arrangement is euphemistically called what?

protection

132.

It is a radioactive metallic element and part of the radioactive decay series through which uranium 238 is converted to lead. Name this substance discovered in pitchblende by Pierre and Marie Curie and named after her native country.

polonium

133.

What Portuguese islands are about 900 miles west of the Iberian Peninsula?

Azores

134.

What is the meaning of the first word in this title of a Mexican holiday?

Natalicio de Benito Juarez

birth (birthday)

135.

Name the science and business of producing fish and shellfish in controlled underwater environments.

aquaculture

136.

What is the volume of a regular square pyramid with a base of four centimeters and height of six centimeters?

32 cubic centimeters

137.

What phylum is characterized by these structures?

-the body is unsegmented

-a developed head exists

-many species have shells

-a ventral muscular protuberance called a foot

mollusk (Mollusca)

138.

If it were on Earth, it would stretch from New York to California. It is 240 kilometers wide and 6.5 kilometers deep. Name this Martian canyon.

Valles Marineris

139.

Tilted fence posts, broken retaining walls, slanted telephone poles, and blocks of rock far downhill from the outcrop are evidence of a slow but relentless downhill movement of soil and regolith called what?

soil creep (or creep)

140.

What kind of colloids is illustrated by agar and jelly?

gel

ESD #189 Practice Questions Page 15

141.

Name the method by which seeds are randomly scattered by hand over an area.

broadcasting

142.

Reminiscent of a vertebrate organ of sensation, a sum of money designated by the American government for use by a regional group or organization or for a specific project in a certain area is called a what?

earmark

143.

What three bones act in concert as a lever system increasing the force of the vibrations to a thin membrane in the cochlea of the inner ear?

hammer, anvil, stirrup (malleus, incus, stapes)

144.

Name the mood disorder in which people can be incredibly excited, intensely enthusiastic, hyperactive, irritable, and grandiose.

mania

145.

"Uncle Tom's Cabin" opens on a chilly day in February with two gentlemen sitting in a dining parlor in what state?

Kentucky

146.

What tale by Stephen King concerns the winter caretaker at the remote Overlook Hotel?

The Shining

147.

What mythical Greek monsters had the wings and talons of birds and the heads of women?

Harpies

148.

During the American Revolution, Britain also declared war on France and what two other European countries that were providing aid to the Americans?

Spain, Netherlands

149.

The exterior angle of a regular hexagon is how many degrees?

60

150.

Most of Central America rests on what tectonic plate?

Caribbean plate

ESD #189 Practice Questions Page 16

151.

The Willamette Valley is in what state?

Oregon

152.

While strains involve muscles, sprains involve what other structures?

ligaments

153.

What document at the municipal level is analogous to a constitution at a state level?

charter

154.

Name the member of a theater company responsible for supervising the backstage aspects of a production during rehearsal and performances.

stage manager

155.

Antonio Vivaldi wrote about 550 concertos, more than half of which were for orchestra and what solo instrument?

violin

156.

"Major" and "magnificence" are derived from the Latin word "magnus," meaning what?

great

157.

Sometimes the warmer water characteristic of the western Pacific flows east toward South America. What do oceanographers call this phenomenon?

El Nino

158.

What city in Nevada is the setting for Mark Twain's "Roughing It"?

Virginia City

159.

What part of the skeleton consists of limb bones and girdles?

appendicular skeleton

160.

A cylinder is 4 feet tall. Its base radius is 10 feet. Find its volume to the nearest integer.

1256 or 1257 cubic ft.

ESD #189 Practice Questions Page 17

161.

In the seventh century, what town and site of an abbey founded by St. Augustine became the center of the Christian Church in England?

Canterbury

162.

Translate this title of a novel by Victor Hugo.
Les travailleurs de la mer

Toilers of the Sea

163.

What Roman mythological figure became the patron of blacksmiths and metalworkers?

Vulcan

164.

The western part of the big island of Tierra del Fuego belongs to what country?

Chile

165.

Queen Elizabeth II, Prime Minister John Diefenbaker, and President Eisenhower attended ceremonies in 1959 to open what waterway from the Atlantic through Canada to the Great Lakes?

St. Lawrence Seaway

166.

If you walk two miles south and then three miles west, you have walked five miles. To the nearest tenth, what is your displacement from your starting point?

3.6 miles

167.

Architecturally speaking, what is the term for any projecting beam supported at one end and is free at the other?

cantilever

168.

While traveling home from college, a trip of 350 miles, Moe rode a bus for two hours and a train for four hours. What was the average bus speed if the train averaged twenty miles per hour faster?

45 mph

169.

What is the occupation of the guy who said this?
Note that a slowing up of the slowdown is not as good as an upturn in the downcurve, but it is much better than either a speedup of the slowdown or a deepening of the downcurve.

economist

170.

The slogan of the Bolshevik leaders in 1917 was "Peace, Land, and" what?

Bread

ESD #189 Practice Questions Page 18

171.

Who is the central character in the Ayn Rand novel from which this dialogue was taken?

"Do you mean to tell me that you're thinking seriously of building that way, when and if you are an architect?"

"Yes."

"My dear fellow, who will let you?"

"That's not the point. The point is, who will stop me?"

Howard Roark

172.

What is the next word in the poem by Edgar Allan Poe that begins with these words?

Hear the sledges with the bells - Silver bells!

What a world of merriment their melody ...

foretells

173.

Name the gelatin-like substance prepared from red algae and combined with nutritive additives for culturing bacteria.

agar (agar-agar)

174.

An ionized gas or plasma composed of particles that travel out from the Sun, undergoing expansion in space, is what kind of wind?

solar wind

175.

The dry adiabatic lapse rate is how many degrees C per kilometer?

176.

What is formed when diatomic oxygen unites with copper?

copper oxide

177.

What term indicates the psychological and moral impulses and external circumstances that cause a literary character to act, think, or feel a certain way?

motivation

178.

Who in 1990 was leader of the country referred to by Ronald Reagan as an "evil empire"?

Mikhail Gorbachev

179.

Ethylene glycol is a colorless alcohol in what mixture used in vehicles?

antifreeze

180.

The traveling singing storytellers of the medieval period were known as what?

minstrels (bards, troubadours)

ESD #189 Practice Questions Page 19

181.

The name, anhydrous ammonia, indicates that what substance is not present in this compound?

water

182.

What word is a gerund in this example sentence?
Dozens of American corporate executives have been calling the FBI to say that playing golf is not killing their abilities to manage.

playing

183.

On February 14 in 1929, several of Bugs Moran's gang were murdered by Al Capone's henchmen in what city?

Chicago

184.

In 2007, thousands protested in what South American country when their president, Hugo Chavez, shut down a major television station there?

Venezuela

185.

In the U.S. Air Force, what rank is between captain and lieutenant colonel?

major

186.

What is the name for a belt of trees or shrubs arranged as a protection against strong winds?

shelterbelt (windbreak, hedgerow)

187.

Despite its latitude, the climate of Lima, Peru is cooler and sub-tropical due to the influence of what major ocean current to the west?

Humboldt Current

188.

A crisis erupted in what U.S. city in 1957 when Governor Orval Faubus sought to block court-ordered integration of a high school?

Little Rock

189.

The Norman Conquest of England was led by whom?

William the Conqueror

190.

What is the capital city of the state whose residents are called Sooners?

Oklahoma City

ESD #189 Practice Questions Page 20

191.

What system is the major characteristic of tracheophytes?

vascular system

192.

In 1882, Wyatt and Warren Earp, along with Doc Holliday, Turkey Creek Jack Johnson and Sherman McMasters, killed those responsible for Morgan Earp's death on an quest known as what ride?

Vendetta Ride

193.

What is the meaning of the Latin root word in these words?

benediction
benefactor

good (or well)

194.

Complete this quote attributed to Mark Antony.
O pardon me thou bleeding piece of earth
that I am meek and gentle with these ...

butchers

195.

The boundaries of congressional districts are determined at what level of government?

state

196.

Name the extremely high-speed centrifuge used to separate macromolecules such as proteins or nucleic acids from solutions.

ultracentrifuge

197.

Streams with extensive meandering and braiding are found in areas of advanced erosion known as what kind of plains?

penneplains

198.

In 2000, because a medical team found him unfit to stand trial, a frail former Chilean leader was sent home from Britain, thus ending Spanish attempts to try him for human rights crimes committed during his 17-year rule. His name was Augusto who?

Pinochet

199.

Reminiscent of a thick-skinned African herbivore, what viruses cause the common cold?

rhinoviruses

200.

What pentagonal number falls between 5 and 22?

ESD #189 Practice Questions Page 21

201.

What is the term for the production of electricity and another form of useful energy such as heat through the sequential use of produced energy?

cogeneration

202.

Monarchies have developed through three basic stages including absolute monarchies, limited monarchies, and what form in which a monarch's powers are restricted to those granted under a written system of fundamental laws?

constitutional monarchies

203.

The length of a rectangle is 1 inch more than twice the width. The area is 28 square inches. What are the dimensions of the rectangle?

3.5" by 8"

204.

To whom was Pete Conrad referring with this?
Whoopee! Man, that may have been a small one for Neil, but that's a long one for me!

Neil Armstrong

205.

Each of the corneal lenses of a compound arthropod eye is called a what?

facet

206.

What device would a physician use if a patient's heart is undergoing fine, rapid twitching of individual fibers with no movement of the muscle as a whole?

defibrillator

207.

What is the collective name for these birds that have a preference for marshes, swamps, mud flats, and shallow bodies of water?
egrets, herons, flamingos,
ibises, spoonbills, storks

wading birds

208.

Translate this Nazi slogan.
Ein Reich, Ein Volk, Ein Fuhrer.

One nation, one people, one leader.

209.

What group of Russian army officers who were either hanged or exiled to Siberia for their role in a failed coup against Nicholas I in 1825 were later regarded as martyrs and founders of the 19th century Russian revolutionary movement?

Decembrists

210.

These people held what position in U.S. government?
Griffin Bell, Benjamin Civiletti, John Ashcroft,
William French Smith, Richard Thornburgh,
Janet Reno, Alberto Gonzales

attorney general

ESD #189 Practice Questions Page 22

211.

A man accused of a crime was required to carry a red-hot iron bar. He was considered innocent if no scars appeared in three days. Identify this kind of medieval trial.

trial by ordeal

212.

Ivan the Great was the father of Ivan the what?

Terrible

213.

The surname of what Roman emperor is associated with the delivery of a child through the mother's abdomen?

Caesar

214.

What leader had a retreat near Berchtesgaden?

Adolf Hitler

215.

Occasionally, during the course of debate about legislation in the Senate, members have launched into endless discussions of the Bible, Shakespeare, or baseball. One even read names from a telephone book. These senators were using what technique to kill legislation?

filibuster

216.

What decimal number completes this limerick?
If inside a circle a line
Hits the center and goes spine to spine
And the line's length is "d"
The circumference will be
d times ...

3.14159

217.

Name the world's smallest French-speaking country?

Monaco

218.

What term that rhymes with senescence and putrescence indicates a gradual return to health after an illness?

convalescence

219.

What valley in northern California is noted for its vintners?

Napa Valley

220.

The larger the pH number, the fewer of what kind of ions are present in a solution?

H (hydrogen)

ESD #189 Practice Questions Page 23

221.

Name the chief justice who headed the commission that declared "Lee Harvey Oswald acted alone."

Earl Warren

222.

Heme is a deep red, nonprotein component of the blood that includes what metallic element?

iron

223.

Diseases of what system generally result from hyposecretion or hypersecretion of hormones?

endocrine system

224.

What British physicist proposed these laws?

- A changing magnetic field induces an electromagnetic force in a conductor.
- The electromagnetic force is proportional to the rate of change of the field.

Michael Faraday

225.

Name an equal-sided parallelogram whose angles may or may not be right angles.

rhombus

226.

What aspect of physical fitness is the ability to quickly change your body's position or perform power movements in rapid succession in opposing directions?

agility

227.

What is the next pair of twin primes greater than 104?

107, 109

228.

This is from what pact of 1928?

The high contracting parties solemnly declare in the names of their respective peoples that they condemn recourse to war for the solution of international controversies and renounce it as an instrument of national policy in their relations with one another.

Kellogg-Briand Pact

229.

What kind of nerves are these?

vagus, vestibulocochlear, trochlear, olfactory

cranial nerves

230.

Name the propaganda technique by which someone tries to convince you to support a proposal they describe as less offensive than the only other option.

lesser of two evils

ESD #189 Practice Questions Page 24

231.

Forces of what nation occupied Manchuria in 1931?

Japan

232.

What creatures did Kurt Vonnegut describe in this way?

They were two feet high, and green, and shaped like plumber's friends. Their suction cups were on the ground, and their shafts, which were extremely flexible, usually pointed to the sky. At the top of each shaft was a little hand with a green eye in its palm.

Trafalmadorians

233.

What is the smallest number that the sum of this infinite series will never exceed?

$1/2 + 1/4 + 1/8 + 1/16 + 1/32 + 1/64 + \dots$

1.

234.

Its original title was "Tomorrow is Another Day." Over one million copies sold in its first year of publication in 1936. Name this novel by Margaret Mitchell.

Gone With the Wind

235.

The polonaise is a formal Polish dance that dates back to the 16th century. What Polish composer wrote 15 polonaises for solo piano?

Frederic Chopin

236.

What was the last name of the brothers who bought the Barnum and Bailey Circus in 1907?

Ringling

237.

The street urchins who sometimes help Sherlock Holmes by running errands or snooping around are the Baker Street what?

Irregulars

238.

Fifteen dimes are arranged into four stacks such that each stack has a different number of coins. What is the smallest possible number of dimes that could be in the largest stack?

6.

239.

For what award does the abbreviation stand in this excerpt?

The first D.F.C. to be awarded to a Navy man was to Commander Richard E. Byrd, of the U.S. Navy Air Corps, on May 9, 1926, for his flight to and from the North Pole.

Distinguished Flying Cross

240.

What is the largest lake in the United States that illustrates interior drainage?

Great Salt Lake

ESD #189 Practice Questions Page 25

241.

Name the mythical god who attempted to deprive man of fire and would have succeeded had not Prometheus intervened at great peril to himself.

Zeus (Jupiter)

242.

What kind of well consists of a vertical pipe into the ground through which liquids or gases are pumped underground from the surface?

injection wells

243.

Name the five-pointed star made by extending all the sides of a pentagon.

pentacle (pentagram)

244.

This is about what civilization?

From about 250 CE until around 900 CE, they built temples and monuments, created numerous works of art and writing, continued their astronomical observations, and built a network of cities which lay buried under jungle growth for centuries. Excavation in Guatemala indicates their culture was quite advanced as early as 200 to 150 BCE.

Maya

245.

Paintings done in grisaille are in shades of what color?

gray

246.

Ordinarily caused by differences in the density of seawater, what is the term for a downward current of surface water in the ocean?

downwelling

247.

What constitutional amendment directly led to the establishment of speakeasies in American cities?

18th Amendment

248.

"They died that we might live" illustrates what figure of speech?

antithesis

249.

Reminiscent of a type of tropical fruit, the curved magazines of assault weapons are called what kind of clips?

banana clips

250.

What is the next largest prime number after 89?