

1. In this region above the meristem, root growth is promoted by the expansion of vacuoles, lengthening the root cells. FTP, name this important zone of plant growth, whose lengthening pushes roots deeper into the

A: ZONE of ELONGATION

2. The internment of Japanese-Americans during World War II is a shameful event in American history. Even more shameful was the fact that in 1944 the internment was ruled constitutional in, FTP, what Supreme Court decision?

ANS : KOREMATSU vs. US

3. 700,000 people in 10 states tested this new IRS system last year. If you're a 1040EZ filer, tax time this year may be less painful as you won't have to fill out a bunch of forms. FTP, name the new procedure by which taxpayers may use a touch-tone phone for their tax returns.

ANS : TELEFILE

4. Born in 1838, this French composer won the Prix de Rome in 1857 for his cantata *Clovis et Clotilde*. His operas include *The Fair Maid of Perth* and *The Pearl Fishers*. FTP, identify this man who died hours after the 31st performance of his most famous opera, *Carmen*.

ANS : Georges BIZET (bee-zay)

5. An example of this form is Hugo van der Goes's altarpiece for the church of Sant'Egidio in Florence. FTP, name this art form, in which three paintings are put together and placed and placed as a screen behind an altar table.

A: triptych

6. In the 1993-94 season, Renee Sharfransky directed a Broadway play based on a prominent scientist and his visual disability. FTP, name the play which is also the title of a book most commonly used by first-year medical students.

A: GRAY'S ANATOMY

7. Usually caused by inadequate exposure to sunlight or a lack of Vitamin D, which regulates bone metabolism, among its symptoms are bowlegs and knocked knees. FTP, name this disease occurring mainly in children and characterized by defective bone growth.

ANS : RICKETS

8. It was produced between 1643 and 1646 by a synod called by the Long Parliament to reform the Church of England. FTP, name this document, which became the confession of faith forming the subordinate doctrinal standard of most reformed churches.

A: WESTMINSTER CONFSSION of Faith

9. In 1881, she founded the Massachusetts Metaphysical College to teach the principles of her new faith. FTP, name this American religious reformer, who launched a new sect after she was healed by Dr. Phineas Quimby without the use of medicines, the author of *Science and Health*.

ANS : Mary Baker EDDY

10. Ccompiled by Dr. Elias from oral poetry and folktales collected principally in Karelia, this work influenced Henry Wadsworth Longfellow's *Hiawatha* and the music of composer Jean Sibelius. FTP, identify this Finnish national epic.

ANS : The KALEVALA (KAH-le-vah-lah)

11. Her father, the Venetian senator Brabantio said of her "Look to her, Moor, if thou hast eyes to see: She has deceived her father, and may thee." FTP, of whom is Brabantio speaking in this warning to Othello?

A: Desdemona

12. He began his literary career in 1849 with the collection "The Strayed Reveller and Other Poems." After 1860, he wrote little poetry, instead publishing criticism after being made an Oxford don. FTP, name this author whose poems include "The Scholar Gipsy" and "Dover Beach".

ANS : Matthew ARNOLD

13. Bordering Sudan, Kenya, Tanzania, Zaire, and Rwanda, its official languages are English and Swahili, and Bantus are its largest ethnic group. FTP, name this nation, invaded in 1977 by Tanzania, which ousted then-dictator Idi Amin.

A: Republic of UGANDA or Jamhuri Ya Uganda

14. Howard W. Campbell Sr. awaits trial for war crimes in an Israeli prison and the end implies that he commits suicide after being proven innocent by Colonel Sparrow. FTP, identify this 1961 Kurt Vonnegut novel, whose name is the reverse of that of a Marsha Norman play.

ANS : MOTHER NIGHT

15. Despite Mike Royko's claims that "Polack" is the actual Polish word for a Polish native, she apologized in trademark style after referring to Pope John Paul II as one. FTP, name this newspaper columnist who said "It's time to get out the wet noodle and give myself 40 lashes."

ANS : Ann LANDERS

16. "He who lives without tobacco is not worthy to live." This quote is from the play *Don Juan* written by a prolific French author. FTP, name this playwright who ridiculed 17th century French society through his comedies like *La maladie imaginaire* and *Tartuffe*.

A: MOLIERE (or Jean Baptiste POQUELIN)

17. In 1995, Michel Mayor and Didier Queloz announced an explanation for a 4.2 day fluctuation cycle in the star Pegasus 51's radial velocity. This phenomenon is caused by the presence of, FTP, what two-word type of celestial body in close orbit to the star, which some cosmologists suspect may account for much of the "dark matter" of the universe.

A: brown dwarfs or brown dwarves

18. This ancient Greek historian was taken as a hostage to Rome in 167 BC. Subsequently he wrote a meticulous history of the Roman Republic describing the First Punic War and the Roman constitution. FTP, name this historian, whose concepts of "checks and balances" influenced Cicero and Montesquieu.

A: POLYBIUS

19. Argued by Abe Fortas and overturning *Betts v. Brady*, this 1963 Supreme Court decision strengthened defendants' Sixth Amendment rights. FTP, name this decision, which affirmed a defendant's right to counsel in all criminal

ANS : Gideon v. Wainright

20. This gene is considered to be the morphogen involved in vertebrate limb patterning during embryological development. FTP name this gene which shares its name with a TV cartoon star based on the first video game that made Sega a household name.

A: Sonic the Hedgehog

21. It is believed to have been invented in Mesopotamia during the 4th millennium B.C. Early examples were formed from three planks of wood clamped by wooden struts, bound with leather, and held in place by copper nails. FTP, name this revolutionary invention.

ANS : The WHEELs

22. Society is ruled by an omnipotent dictator, and people's thoughts are controlled as tightly as their actions by the government. FTP, name this novel set in the "future" civilization of Oceania and written by George Orwell.

ANS : 1984

23. NASA has attempted some ambitious projects in recent years, but a mission currently in the design stage would make the others pale by comparison. Early in the next century, the agency plans to land a probe on the nucleus of a comet. FTP, what name has been given to this mission?

ANS : The ROSETTA Project

24. Among the persons appearing in a video by this group are Charley Steiner, Mike Tirico, Fred Couples, Alonzo Mourning, Dan Marino, Alex English, and Chris Berman. FTP, name this band, whose album *Cracked Rear View* contains the song "Only Wanna Be With You".

A: Hootie and the Blowfish

25. This Penn Medical School graduate won a Pulitzer Prize for his poetry collection *Pictures from Brueghel*, and wrote such novels as *White Mule* and *In the Money*. FTP, name this writer, whose poems include "Al Que Quiere", *Paterson*, and "Red Wheelbarrow".

A: William Carlos WILLIAMS

26. On November 28, 1942, this Boston nightclub burned down, killing 491. Less than 70 people inside survived once the fire began. FTP, name this nightclub, whose disastrous fire prompted cities across the US to adopt more stringent fire codes.

A: Coconut Grove

27. An author, and parodist, he succeeded Bernard Shaw as drama critic for the *Saturday Review*. FTP, name this author of the critical volume *The Christmas Garland* and the short story collection *Seven Men*, also known for his witty caricatures of British politicians and royalty.

A: Sir Henry Maximillian "Max" Beerbohm

28. Including time in the All-American Football Conference, this quarterback led his team to a league title game in ten straight years, winning seven. FTP, name this Hall of Famer and former Northwestern player, whose jersey number 14 is retired by the Cleveland Browns.

A: Otto Graham

29. In December, 1970, President Nixon made him an honorary member of the Narcotics Bureau, making this singer's drug dependencies quite ironic. FTP, name this man born in Tupelo, Mississippi, who died in 1977 in his Memphis mansion, Graceland.

A: Elvis Aron PRESLEY

1. (30) 30-20-10, identify this composer from his works.

30) An opera, *The Gambler*.

20) His first symphony, The "Classical"

10) Another opera, *The Love for Three Oranges* ANS : Sergei PROKOFIEV

2. (30) Name this writer, 30-20-10.

30) He was born to an owner of a profitable sulphur mine. His doctoral thesis addressed Sicilian dialects.

20) He gave his Nobel medal to Mussolini to assist in the Abyssinian campaign.

10) His best known play is perhaps *Six Characters in Search of an Author*.

A: Luigi PIRANDELLO

3. (20) In 1995, Akron, Ohio, became permanent host to Inventure Place, or the National Inventors Hall of Fame. FTP each, name these inductees:

a. His patent for the harvesting reaper was approved in 1834.

A: Cyrus McCORMICK

b. His entry into the Hall of Fame is for patenting air brakes for locomotives.

A: George WESTINGHOUSE

4. (30) Arrange these metals by melting point, from highest to lowest: lead, copper, molybdenum, tin and iron. Five points each, plus five for all correct.

ANS : TIN, LEAD, COPPER, IRON, MOLYBDENUM

5. (30) Given a movie, name the director for the stated number of points.

(5) *The Godfather*.

ANS : Francis Ford COPPOLA

(10) *The Graduate*

ANS : Mike NICHOLS

(15) *Gaslight*

ANS : George CUKOR

6. (30) Name the author from works, 30-20-10.

30: *Jing-Me: Two Kinds*

20: *The Moon Lady*

10: *The Joy Luck Club*

ANS : Amy TAN

7. (30) Answer these questions about the election of 1848. First, FTP, what Free Soil candidate pushed hard for the party agenda.

ANS : Martin VAN BUREN

For five for one or twenty for both, name the Whig and the Democrat who both were more successful in the election than Van Buren.

ANS : Zachary TAYLOR, Lewis CASS

8. (30). FTP each, name these persons important in African-American history.
a. In 1895, he received the first Harvard Ph.D. ever awarded to a black man.
A: William Edward Burghardt DuBOIS (doo-BOYZ)
b. This minister and political activist was assassinated February 21, 1965.
A: Malcolm X or Malcolm Little or El-Hajj Malik El-Shabazz
c. Edward Albee wrote a play about this 1920's contralto blues singer's death.
A: BESSIE SMITH
9. (20) Given the Australian state, name the capital for five points each
a. Tasmania ANS: HOBART
b. Victoria ANS: MELBOURNE
c. Western Australia ANS: PERTH
d. Queensland ANS: BRISBANE
10. (20) FTP each, name these recent movies featuring Hugh Grant.
a. Grant is a cartographer sent to a Welsh town to measure a local landmark.
A: The Englishman who Went up a Hill but Came Down a Mountain
b. He and Alan Rickman play actors try to woo newcomer Georgina Cates.
A: An Awfully Big Adventure
11. (20) Name these Pennsylvania cities from the landmarks, FTP each.
a. The Little League Baseball Museum is located here.
A: Williamsport
b. Mauch Chunk and East Mauch Chuck merged to form a new city named in honor of this Olympian.
A: JIM THORPE
12. (30) Answer these questions on Dance Sport, a new event for the 1996 Summer Olympics, for the stated number of points.
(5) Standard or Viennese, it is always performed in three-quarter time.
A: Waltz
10) In any final round, the maximum number of couples allowed to compete?
A: Six
15) This official is responsible for tabulating the final results.
A: Scrutineer
13. (20) FTP each, answer the following questions concerning the year 1970.
a. Congress passed the Rail Passenger Service Act, creating this transit service.
A: Amtrak
b. On May 4, National Guardsmen killed four students during an anti-war protest at this school.
A: Kent State University

14. (20) Name these writers from their works FTP each.

- a. The play *The Marriage of Figaro* A: Pierre-Augustin Beaumarchais
- b. The narrative poem "Ruslan and Ludmilla." A: Alexander Pushkin

15. (30) Name the former French colony 30-20-10.

- (30) It borders Mali, Ivory Coast, Ghana, Togo, Benin, and Niger.
- (20) Its four major languages are French, Mor, Dioula and Fulani.
- (10) This landlocked country was formerly known as Upper Volta.

ANS : BURKINA FASO

16. (30) Carmen San Diego went to Grant Park and stole Buckingham Fountain, which shoots streams of water up to 100 feet into the air. FTP, name the city where the Fountain normally stands.

A: Chicago

For twenty points, Carmen hid the fountain in the Cleveland volcano, which last erupted in 1987. This volcano, as well as Makushin and Okmok, are located in what American island group.

A: Aleutian Islands or the Aleutians

17. (20) Name the following people from their quotations FTP each.

- a. In a speech in April 1995, he said "It was once an American tradition to pay off the mortgage and leave the children the farm. Now we seem to be selling the farm and leaving our children the mortgage."

A: Newt GINGRICH

- b. In one of his books, he wrote "I am a passenger on the spaceship, Earth."

A: Richard Buckminster FULLER

18. (30) In forty-six states, the prison population increased from June 1994 to 1995. For ten points each, name any three of the four states whose prison populations

ANS : ALASKA, ARKANSAS, MAINE, and SOUTH CAROLINA

19. (30) 30-20-10, name the author from a list of works.

30) *Rudin*, *On the Eve*

20) *First Love*, *A Month In The Country*

10) *Home of the Gentry*, *Fathers and Sons* A: Ivan Turgenev (tur-GEN-yev)

20. (30) Name this multidisciplinary scientist, 30-20-10.

30) In 1801, he discovered the cause for astigmatism.

20) He began studying the Rosetta Stone in 1814 and almost translated it.

10) In 1807, he described a measure that is a ratio of the tensile stress on a material and the resulting tensile strain.

A: Thomas YOUNG

21. (30) FTP each, name these First Ladies from their unmarried names
- | | |
|----------------------------|--------------------------|
| a. Bess Wallace | A: Bess <u>Truman</u> |
| b. Rachel Donelson Robards | A: Rachel <u>Jackson</u> |
| c. Julia Gardiner | A: Julia <u>Tyler</u> |

22. (30) For five points each, plus five for all correct, put these events in chronological order: Lord Kelvin establishes the thermodynamic scale of temperature, Congress creates the National Academy of Sciences, Wolfgang Pauli announces his exclusion principle, Max von Laue discovers X-ray diffraction, George Boole creates Boolean Algebra.

ANS: KELVIN, BOOLE, NATIONAL ACADEMY of Sciences, von LAUE, PAULI

MODERATOR : Accept reasonable alternatives to the above

23. (30) FTP each, fill in the blanks in the following quote from T.S. Eliot's "The Love Song of J. Alfred Prufrock".
- a. Shall I part my hair behind? Do I dare eat a blank? A: peach
- b. I shall wear white flannel trousers and walk upon the blank. A: beach
- c. I have heard the blank singing, each to each." A: mermaids

24. (20) In vector algebra, the magnitude for this product is the scalar product of the magnitudes of the vectors and the cosine of the angle contained by these vectors. FTP, name it.

A: DOT product

FTP, this operator is symbolized by an upside down triangle or delta.

A: Gradient

25. (30-20-10) Name the year in which these events occurred.
 (30 pt) Work begins on the Suez Canal.
 (20 pt) Darwin publishes his "On the Origin of Species".
 (10 pt) John Brown and his men raid the arsenal at Harper's Ferry, WV.
 A: 1859

26. (30) The recently Hall-of-Fame enshrined Velvet Underground failed to sell many records but had a great influence on underground rock. For five points, what artist produced their first album.

A: Andy WARHOL or Andrew Warhola

Now, for five points each, name the four members of Velvet Underground and the European guest vocalist prominently credited on their first album.

A: Lou Reed, John Cale, Sterling Morrison, Maureen Tucker, Nico (Guest)

27. (30) Name these former U.S. Ambassadors to the U.N. for the stated number of points.

5) This future President served between 1971 and 1973.

A: George BUSH

10) This former Atlanta mayor was a key in securing the 1996 Olympics.

A: Andrew YOUNG

15) This secretary of state was the first UN Ambassador.

A: Edward STETTINIUS Jr.

28. (20) Name this personality, 20-10.

20) His given name is Edson Arantes do Nascimento.

10) He won three World Cups with Brazil, and the NASL title with the Cosmos.

A: Pele

29. (30) If you watched it, you should know. FTP each, name the three crew members of Apollo 13.

A: Fred W. Haise, Jr., James A. Lovell, Jr., John L. Swigart, Jr.