1) This word is commonly used to describe the intellectual climate of an era which tends to shape its scientific and social progress. FTP name this word which is German for "Spirit of the Time."

Answer: Zeitgeist

2) They say that behind every successful man, there's a great women and a shocked mother-in-law. FTP name "the women-behind-the-man" who was Mao Tse-Tung's fourth wife and emerged in 1966 as first deputy leader and chief witch hunter of the great Proletarian Cultural Revolution.

Answer: Chiang Ch'ing

3) Sometimes the shells of tiny sea critters accumulate in large quantities and form massive structures. FTP, name the microscopic ocean dwelling organisms whose abandoned shells make up the White Cliffs of Dover.

Answer: Foraminifera   *Formanifera*

4) Democritus held that infinitely small and eternal particles constitute the essence of all matter and give substances their particular properties. He named them after the Greek word for indivisible. FTP what is this scientific word?

Answer: Atom

5) The Pulitzer Prize for novels and plays has been awarded since 1918. In the years 1964 and 1974 the novel and play categories had something in common. What was it?

Answer: No award was given

6) As a child, this artist claims to have dreamed that a vulture descended upon his cradle, forced open his mouth and proceeded to beat him around the mouth with its tail. Later, Freud analyzed this dream and took it as proof of the artist's passive homosexuality. FTP, name the artist.

Answer: Leonardo da Vinci

7) It was published in Boston from 1840 to 1844. Its first editor was Margaret Fuller. Ralph Waldo Emerson was the second. Some of its most famous contributors were Robert Lowell, Bronson Alcott, and Henry David Thoreau. Name this famous periodical of New England transcendentalism.

Answer: The Dial

8)   This dramatic school expounds an existential ideology and depicts people as bewildered and living in an incomprehensible universe. Eugene Ionesco's The Bald Soprano is an early example. Name this dramatic school which flourished during the 1950's and 60's and whose most popular play is Samuel Becket's Waiting for Godot.

Answer: Theater of the Absurd

9)   Born in 1912, he began work as a radio announcer, which led him to an interest in oral history. He has published several books studying the common worker and based them entirely on his tape-recorded interviews. Name this author whose works include Working.

Answer: Studs Terkel

10)   In North America as a whole, it is composed of a fairly continuous ridge of mountain summits in the Rockies. For ten points, name this geographic feature which shares its name with John Belushi's last movie and which marks a high point on any cross-country trip.

Answer: The Continental Divide

11)   Orlando, Florida is the home of EPCOT, but the theme park is far from Disney's original ideas and goals. Disney summed up his plans for EPCOT in the meaning of its name. For ten points, give the meaning of the acronym, EPCOT.

Answer: Experimental Prototype Community Of Tomorrow

12)   Andrew Lloyd Webber has produced several Broadway musicals, most of which have achieved great success. In one popular musical, characters such as Migaldi, Che, and Juan Peron help portray the life of the actress Eva Duarte and her rise to power in the Argentine government. For ten points, give the name of this musical.

Answer: Evita

13)   He was at Cambridge University and was a member of the Bloomsbury Group literary circle that flourished in London during and after the first World War. For ten points name this great economist whose consummate work, The General Theory of Employment, Interest, and Money is still widely read today.

Answer: John Maynard Keynes

14)   It was the last small, short, individualistic war before the huge, protracted impersonal struggles of the twentieth century. Declared in April 1898, it was over in August. 460 Americans were killed in battle, while 5,200 perished from diseases. For ten points, give the name of this "splendid little war."

Answer: The Spanish-American War

15. This female poet of the 18th century was born a slave but gained her freedom before she died around the age of 30. Her poems include "To His Excellency, General Washington" and "On the Death of Reverend Mister George Whitefield." FTP, name her.

Answer: Phillis Wheatley

16. The action allows people to ice skate and glaciers to move. Pressure applied to ice at 32°F (0°C) causes the ice to melt. Once the pressure is removed the ice will refreeze if all other conditions remain constant. FTP, what is this process called?

Answer: Regelation (REE juh LAY shun)

17. This politician attended Harvard and Oxford Universities. Upon returning to Pakistan, she married Asif Ali Zardari and with the support of the People's Party was elected Prime Minister. FTP, who is this first woman ever to head an elected government in an Islamic nation?

Answer: Benazir Bhutto

18. Mechanical refrigeration is the process that removes heat from a desognated area through the use of a coolant. An American physician patented a mechanical refrigeration system in 1851 in an effort to cool hospitals. FTP, who was this doctor?

Answer: John Gorrie

19. Much time has been spent in the recent decades trying to define obscenity. The 1964 case Jacobellis v. Ohio forced this Supreme Court justice to state that he couldn't define hard core pornography but, "I know it when I see it." FTP, name this late Supreme Court justice.

Answer: Potter Stewart

20. This short lived television series aired on ABC from March to June of 1988. It was co-created by Isaac Asimov and Michael Wagner and starred Parker Stevenson as Austin James, a modern day Sherlock Holmes. FTP, name this series, which shares its name with a type of car and a surgical procedure.

Answer: Probe

21. This French mathematician, while studying problems in heat flow, showed that arbitrary periodic functions could be represented by an infinte series of sinusoids and harmonically related frequencies, a priniciple which is now used extensively in linear systems. FTP, who is this mathematician?

Answer: J.B.J. Fourier

22. In linguistics, the study of the way complex words are created from smaller parts is known as morphology. But, FTP, what is the study of the distinctive sound systems of a language called?

Answer: phonology

23. You remember Live Aid don't you? You know, the concert for famine relief that occured in London's Wembley Stadium? I thought you would. But, FTP, do you remember who opened the 14 hour concert?

Answer: Status Quo

24. "D.I.Y.," "On the Air," "Humdrum," "San Jacinto," "I Don't Remember," "The Family and the Fishing Net," "Mercy Street," "Steam," "In Your Eyes," "Kiss the Frog," "Digging in the Dirt," and "Sledgehammer" are all songs by what former Genesis frontman?

Answer: Peter Gabriel

25. He was born Maurice Micklewhite, but don't let the name fool you. He went on to become one of the best known leading men of our time. Before he started acting, he fought in the Korean War, but he later went on to fight in Zulu. He has also starred in films such as The Ipcrest File, Alfie, and Mona Lisa. FTP, who is this actor, who won an Oscar for his role in Hannah and Her Sisters?

Answer: Michael Caine

26. Alright Monty Python fans, this one's for you. Whose chief weapons were surprise, fear, ruthless efficiency, an almost fanatical devotion to the pope, and a nice red uniform?

Answer: The Spanish Inquisition

27. The song "Downtown Train" has been a Top 40 cover song twice, first for Patty Smyth of the band Scandal, and later for Rod Stewart. But neither wrote it. For a quick 10 points, name the gravel-voiced singer-songwriter who wrote and first recorded the song "Downtown Train" on his album Rain Dogs.

Answer: Tom Waits

28. For a quick 10 points, what 1962 Supreme Court case stated that public schools cannot constitutionally require students to recite prayers?

Answer: Engel v. Vitale

29. OK mathematicians, FTP, what theorem states that the order of a subgroup evenly divides the order of a group?

Answer: LaGranage Theorem

T30. This man wrote primarily using the epistolary technique. Through letters to one another, the characters give insights into their own personalities. His novels include Sir Charles Grandison, Clarissa, and Pamela, or, Virtue Rewarded. FTP, name the man generally considered the first real English novelist.

Answer: Samuel Richardson

10

1)   [30] For five points each given the presidential candidate and the year in which he ran you supply the name of his party.

a) Thomas Dewey (1944)	Answer:	Republican
b) Eugene V. Debs (1912)	Answer:	Socialist
c) John B. Anderson (1980)	Answer:	Independent
d) Daniel Webster (1836)	Answer:	Whig
e) Rufus King (1816)	Answer:	Federalist
f) Henry Clay (1832)	Answer:	National Republican

2)   [30] Family trees can be really messy when you're dealing with Oedipus. Name each of his relations described for five points apiece.

a) his mother/wife	Answer:	Jocasta
b) his uncle/brother-in-law	Answer:	Creon
c) his children/half-siblings	Answer:	Eteocles, Polyneices, Antigone, Ismeme

3)   [30] Put the following academy award winning movies in chronological order from earliest to latest for five points apiece. The movies are: Rain Man, The Godfather, It Happened One Night, Amadeus, Oliver!
        Answer: It Happened One Night, Oliver!, The Godfather, Amadeus, Rain Man

For an additional five points, tell which movie won in every major category.
        Answer: It Happened One Night

4)   [30] Paper and pencil ready. For ten points each find the mean, the median and the mode for the following numbers: 9, 6, 5, 2, 7, 9, 9, and 1.
        Answer: Mean = 6, Median = 6.5, Mode = 9
        [Reader: Allow 15 seconds for the question]

5)   [30] The following are terms for parts of a column: enblature, capital, shaft, base and pedestal. For five points apiece and a bonus five for all correct, tell on which part the following belong.

a) dado	Answer:	pedestal
b) fillet	Answer:	shaft
c) plinth	Answer:	base
d) trigylph	Answer:	enblature
e) volute	Answer:	capital

6)   [20] For five points each name the president given the nickname.

a) "Old Rough and Ready"	Answer:	Zachary Taylor
b) "Old Man Eloquent"	Answer:	John Quincy Adams [do not ask for more info on John Adams]
c) "Old Hickory"	Answer:	Andrew Jackson
d) "Sage of Monticello"	Answer:	Thomas Jefferson

7)   [30] For ten points apiece answer these questions about the birth of yellow journalism.
   a) For 5 points each, to what two rival New York newspapers was the term first applied?
        Answer: The World and the Journal
   b) Who was the owner of the World, who had purchased it in 1883 and built it into the most widely circulated paper in the country?
        Answer: Joseph Pulitzer
   c) After building the San Francisco Examiner into a powerful force, he purchased the Journal in 1895 and challenged Pulitzer's heretofore undisputed supremacy.
        Answer: William Randolph Hearst

8)   [30] Where would we be without ammonia? For 10 points apiece, answer the following questions about the history of this fragrant chemical.

   a) Name the German who, in 1908, first worked out the theoretical basis for the ammonia synthesis reaction and tested it in his laboratory.
        Answer: Fritz Haber
   b) What individual led the effort to adapt Haber's process to a commercial scale?
        Answer: Carl Bosch
   c) By what company was Bosch employed?
        Answer: Badische Anilin & Soda-Fabrik

9)   [30] We all know the more familiar metric prefixes (such as kilo-10 3) by heart, but now let's see how well you know the more obscure prefixes.
Given a power of ten, give the prefix, 5 points apiece.

   a) 10 to the -12th   Answer: pico
   b) 10 to the +9th   Answer: giga
   c) 10 to the -18th   Answer: atto
   d) 10 to the +6th   Answer: mega
   e) 10 to the +12th   Answer: tera
   f) 10 to the -15th   Answer: femto

10)   [30] What exactly are acids and bases? The question has given rise to a series of theories, each postulating a different answer. Given a description of the theory, give its name, for ten points apiece.

   a) This theory states that acids and bases dissociate to produce hydrogen and hydroxide ions in solution.
        Answer: Arrhenius Theory

   b) In this theory, acids and bases are respectively described as proton donors and proton acceptors.
        Answer: Bronsted-Lowry Theory

   c) This theory describes acids as electron pair acceptors and bases as electron pair donors.
        Answer: Lewis Theory

11) [20] Oh, the misfortunes of the White Star Line! Let's see how much you know about the <u>Titanic</u>'s extended family.

   a) For 5 points apiece, give the name of each of the <u>Titanic</u>'s two sister ships.
      Answer: The <u>Britannic</u> and the <u>Olympic</u>

   b) For an additional 10 points, what was the original, but quite ludicrous, intended name of the <u>Olympic</u>, which was wisely changed before its christening.
      Answer: The <u>Gigantic</u>

12) [30] In Edwin Aabott's classic science-fiction story "Flatland," the inhabitants may only be geometric objects, but they are still organized into a rigid social caste system. Given a particular class of individuals, identify their corresponding geometric shape for 5 points apiece, with an additional 5-point bonus if all are correct.

   a) Women   Answer: Straight <u>Lines</u>
   b) Soldiers & Lowest Classes of Workmen Answer: <u>Isosceles Triangles</u>
   c) Middle Class   Answer: <u>Equilateral Triangles</u>
   d) Professional Men & Gentlemen   Answer: <u>Squares & Pentagons</u>
   e) Priests   Answer: <u>Circles</u>

13) [30] 30-20-10. Identify this place:

   30. It is located on a tributary of the Aar in Bern canton.
   20. Located in central Switzerland, it is one of the highest waterfalls in the Alps. The Lower one is some ten minutes walk from Meiringen and its Upper counterpart is thirty minutes farther.
   10. It is the sight of the final struggle between Sherlock Holmes and his arch-rival Professor Moriarty
      Answer: <u>Reichenbach Falls</u>

14) [30] 30-20-10. Identify this individual:
   30. He was born on January 4, 1809 in Coupvray near Paris and died on January 6, 1852.
   20. He was blinded at the age of three in an accident while cutting leather in his father's shop. This didn't stop him from becoming an excellent organist and cellist, although he was to become famous as an educator.
   10. Although he personally learned to read embossed Roman letters, he invented the system of raised dots representing letters which today bears his name.
      Answer: Louis <u>Braille</u>

15) [30] 30-20-10. Identify this person:

   30. He was born in Newark, New Jersey on February 6, 1756 and was a grandson of the theologian Jonathan Edwards.
   20. With the aid of his friend General James Wilkinson, he planned to foment a secessionist movement in the West and join it to Mexico, creating a new empire in the Napoleonic model. He was arrested and tried for treason but acquitted because he had been apprehended before he had been able to commit an overt act.
   10. His turbulent political career was marked by thwarted attempts at the presidency and governorship of New York. He blamed these failures on the influence of his greatest political rival, Alexander Hamilton, whom he killed in a duel.
      Answer: Aaron <u>Burr</u>

16)   [30] Identify these three Agatha Christie characters for 10 points apiece.

a) She was already 74 when she first appeared in <u>Murder at the Vicarage</u>. She resided in Saint Mary Mead, although her help was always being enlisted by a swarm of relatives and friends who needed the elderly spinster to figure out the crime.
Answer: Jane <u>Marple</u>

b) The existence of his twin brother, Achille, was a subject of much scholarly debate. Nevertheless, this diminutive Belgian detective with "the little gray cells" is famous throughout the world.
Answer: Hercule <u>Poirot</u>

c) This husband and wife team formed Young Adventures Ltd. and were real Partners in Crime.
Answer: Tommy and Tuppence <u>Beresford</u>

17)   [25] Everyone is familiar with the conventional parts of speech (nouns, verbs, adjectives, etc.) but, for 10 points, what do you call a word which combines the characters of a verb with those of a noun or adjective.
Answer: <u>Verbal</u>

For 5 points apiece, name the three types of verbals.
Answer: <u>Gerunds, Participles, and Infinitives</u>

18)   [20] Give each of the two similar-sounding terms for ten points each. The first refers to an initial position or proposition which is self- evident. The second refers to reasoning or knowledge gained from these initial positions or from observed facts.

Answer: <u>A Priori</u> and <u>A Posteriori</u>

19)   [30] Give the name, for 10 points apiece, of these unusual units of measure.
a) 24 sheets of paper   Answer: 1 <u>Quire</u>
b) 63 gallons   Answer: 1 <u>Hogshead</u>
c) the metric unit of firewood, equal to 0.2759 cord   Answer: 1 <u>Stere</u>

20)   [30] For ten points apiece identify these pioneer psychologists.

a) He applied the experimental method to physiology and was the first to propose the theory of specific energy of nerves.
Answer: Johannes <u>Miller</u>

b) Determined that specific behaviors are dependent on specific parts of the brain: voluntary movement, the cerebellum; reflexes, spinal cord; respiration, medulla.
Answer: Marshall <u>Hall</u>

c) Determined that the third frontal convolution of the cerebral cortex was the area of the brain which controls speech.
Answer: Paul <u>Broca</u>

21)   [30] Identify the US cities in which the following airports are located from their three letter baggage designations.

    a) IAH   Answer: <u>Houston</u>
    b) DFW   Answer: <u>Dallas</u>
    c) IAD   Answer: <u>Washington</u> (Dulles)
    d) MCI   Answer: <u>Kansas City</u>
    e) MSY   Answer: <u>New Orleans</u>
    f) ORD   Answer: <u>Chicago</u> (O'Hare)

22)   [25] 25-10. Periodic table spelling. Using the letters which identify these elements, spell the word.

    25. The letters which spell this word have, in order, periodic numbers 24, 8 and 74.
    10. The elements are chromium, oxygen and tungsten.

        Answer: <u>crow</u>

23)   [25] Arrange these causes of death in order of greatest to lowest according to the YPLL (Years of Potential Life Lost) statistics. They are intentional injuries (homicide, suicide), stroke, diabetes, cancer, heart disease. Five points apiece.

Answer: <u>cancer, intentional injuries, heart disease, stroke, diabetes</u>

24)   [30] 30-20-10. Identify the animal.

    30. It's scientific name is Raphus cucullatus.
    20. It's a member of the family Raphidae along with R. solitarius and Pezophaps solitaria, and the native habitats of each species were Mauritius, Reunion and Rodrigues Islands in the Indian Ocean.
    10. These flightless, hooked-billed birds were first sighted by Portuguese sailors in 1507 and were hunted to extinction by man and the animals he brought with him by 1681.

        Answer: <u>Dodo</u>

25)   [25] Identify the work from which the following quotes are taken for five points each.

    a) "Theirs not to make reply./Theirs not to reason why./Theirs but to do and die."
        Answer: <u>"Charge of the Light Brigade"</u>
    b) "Better to reign in hell than serve in heaven."
        Answer: <u>Paradise Lost</u>
    c) "All that glitters is not gold."
        Answer: <u>Don Quixote</u>
    d) "All hope abandon, ye who enter here."
        Answer: <u>Inferno</u>
    e) "To err is human, to forgive divine."
        Answer: <u>Essay on Criticism</u>