

1996 Terrapin Invitational
Questions by Randolph-Macon

1. Germany decided to increase the tonnage of its battleships, add six cruisers to the fleet, and widen the Kiel Canal to accommodate all this. This was in response to what they saw as a major threat, which was launched on February 10, 1906. FTP, what was this threat, a new battleship with ten 12-inch guns, the first of its kind?

ANSWER: THE H.M.S. DREADNOUGHT

2. A newspaper correspondent, and the ship's captain, cook and oiler are the only four survivors of a shipwreck. Together, they remain afloat in a dinghy on the rough seas. The point of view changes, and the entire story shows nature's indifference. FTP, name this short story that was published along with "Other Tales of Adventure" in 1898 by Stephen Crane?

ANSWER: THE OPEN BOAT

3. The prophet Elisha told him: "I know the terrible things you will do against the people of Israel. You will set their fortresses on fire, slaughter their finest young men, batter their children to death, and rip open their pregnant women." He had loaded forty camels with gifts to give Elisha, since his master, King Benhadad, was sick. Elisha told him that the king would die, but to tell the king that he would certainly get well. For 10 points, name this man who then smothered King Benhadad to death to become the next king of Syria in 2 Kings, chapter 8.

ANSWER: HAZAEEL

4. One type of this membrane curves through the cytoplasm like connecting pipes, and is the main site of lipid production in many cells. The other type of it is arranged as stacked, flattened sacs and has a number of smaller organelles attached, where polypeptide production occurs. FTP, name this membrane that in animal cells begins at the nucleus and curves through the cytoplasm, and comes in smooth and rough varieties?

ANSWER: ENDOPLASMIC RETICULUM (ACCEPT: ER)

5. At the age of 10, he was sent to the Leipzig Conservatory, where he studied piano and composition. He did not enjoy life there, and by age 19, he had returned home, where he met his future wife, Nina Hagerup. At the time, his native country's culture had heavy Danish influence, and he sought to promote nationalism in his country through his music. FTP, name this composer of Haugtussa, Wedding Day at Troldhaugen and Peer Gynt.

ANSWER: EDVARD GRIEG

6. The victim was Davison and Newman. The site of the crime was Griffen's Wharf. The perps were a mob, led by Lendall Pitts. The crime was vandalism and willful destruction of property. Damage done was over 9,650 pounds sterling. FTP, name this crime, where no arrests were made and no reparations have been made to date, committed on December 16, 1773.

ANSWER: THE BOSTON TEA PARTY

7. His French-language masterpiece is composed of 12-line stanzas and opens with a description of the devil's marriage to the seven daughters of sin, and ends with a searing examination of the sins of English society just before the Peasants' Revolt of 1381. His major Latin work is partially

a criticism of the three-estates of society, and partially an elegy for a prince. His greatest work in English is a collection of exemplary tales of love. FTP, name this author of *The Mirror of Man*, *Vox Clamantis* and *Confessio Amantis*.

ANSWER: JOHN _GOWER_

8. This party was founded by a former Harvard student body president who was dissatisfied with the direction of the Republican Party. It stands unabashedly by the principles of Christian conservatism, and denounces moderate Republicans as "sell-outs." FTP, name this political party, symbolized by the eagle, founded by Howard Phillips, and who tried to get Pat Buchanan to bear its banner in Tuesday's elections.

ANSWER: THE _U.S. TAXPAYERS' PARTY_

9. We were first introduced to him as Phra Chom Klao Mongkut -- and he was a Buddhist monk until he was rudely shoved into his new role in 1851. In his new job, he built canals and roads, set up a printing press, stimulated education, reformed the bureaucracy, improved the condition of slaves, issued currency, and maintain his country's independence. FTP, name this Siamese ruler who also imported an English governess who wrote about her travels.

ANSWER: _RAMA IV_

10. This law can be expressed as one over the quantity 4π times the constant epsilon-sub-naught times the quantity of the product of the two charges over the distance squared between them. Epsilon-sub-naught is also known as the permittivity of free space. A more familiar form of this law is F equals k times q_1 times q_2 over r squared, where k is the proportionality constant. FTP, what is this law that gives the magnitude of the electrostatic force between two charges?

ANSWER: _COULOMB'S_ LAW

11. He was serving as secretary of the navy when, in 1949, the Department of Defense was created, and he was assumed the position of Secretary of State. He resigned in March, showing symptoms of nervous depression and exhaustion, and registered in Bethesda Naval Hospital. FTP, name this man, who committed suicide by jumping out of a window at the hospital.

ANSWER: JAMES V. _FORRESTAL_

12. In this book, the world is inhabited by a race of androgynous humans who can change sexes during monthly estrus periods. Genly Ai, an ambassador from the Ekumen, the league of known worlds, pays a visit to this world, whose name, Gethen, means Winter. FTP, name this novel, where Daoist views of the complementary nature of all relationships are expressed by Ursula K. Le Guin.

ANSWER: THE _LEFT HAND OF DARKNESS_

13. This term was coined by 19th century radicals who spoke of the forces of _____, "such as the Church and absolute monarchies, that blocked progress toward a more just, equal and enlightened society. It is an adjective or noun applied to those who not merely resist change but seek to turn back the clock and return to some earlier order which is seen as being somehow better than the present. FTP, what is this term used today by the Left to castigate their opponents, the opposite of progressive?

ANSWER: REACTIONARY

14. His greatness as an artist was not matched by his character, for he was notoriously avaricious; however, he was lavishly generous with his friends, who included the poet Pietro Aretino and the sculptor Jacopo Sansovino. His exact age at his death in 1576 was unknown, but around 90. FTP, name this painter of allegories like The Three Ages and mythological scenes like Bacchus and Ariadne and Rape of Europa.

ANSWER: TITIAN (ACCEPT: TIZIANO VECCELLIO)

15. You may not have heard of Philip Dormer Stanhope, or his son Philip. Or even Philip Jr.'s mother, Mademoiselle de Bouchet. But you probably know him from his sayings. His quotes include: "You had better refuse a favor gracefully than perform it clumsily;" "Let blockheads read what blockheads write;" "An injury is much sooner forgotten than an insult" and "Advice is seldom welcome, and those who want it the most always like it the least." FTP, name this man whose letters to his son were published by his widow in 1774.

ANSWER: (LORD) CHESTERFIELD (FOURTH EARL OF CHESTERFIELD)

16. This enzyme is very useful. It is contained in mucus, tears, saliva and gut fluid. It is the primary surface defense the body has against pathogens. FTP, what is this enzyme that digests the cell walls of bacteria and so contributes to their death?

ANSWER: LYSOZOME

17. Some of the original members of this school of criticism included Ernest Jones, Otto Rank and Marie Bonaparte. As the underlying science evolved, thoughts within this school of criticism evolved, as seen in books like Archetypal Patterns In Poetry and The Dynamics of Literary Response. FTP, name this school of criticism whose major influences include Holland, Jung and of course Freud.

ANSWER: PSYCHOANALYTIC CRITICISM

18. The Sahara zone in the north comprises two-thirds of the country. The Atlantic coast gets minimal rainfall, while the Sahelian zone in the south has some savanna. The Senegal River, which forms the southwest border of this country, is the chief agricultural zone. FTP, name this West African country whose chief cities are Nouadhibou and Nouakchott.

ANSWER: MAURITANIA

19. He murdered his father-in-law, and could find no pardon until Zeus felt sorry for him and admitted him to Olympus. In return for such kindness, he tried to seduce his patron's wife. Zeus made a cloud in the nature of Hera, and he seduced the pseudo-Hera, creating the centaurs in the process. FTP, name this man who was punished in Hades by being chained to a fiery wheel.

ANSWER: IXION

20. His long tenure as director of the Cavendish Lab helped make it a leading center for atomic research. He worked with "positive rays", which led to a way of separating atoms according to their atomic weights, but he is better known for his study of the conduction of

electricity through gases which resulted in his 1906 Nobel Prize.
FTP, name this discoverer of the electron.

Answer: Sir Joseph John _Thomson_

Some pesky state legislators dared to ask him why he had forbidden picketing and the distribution of labor circulars on his city's streets. This was in 1937; he had been mayor since 1917, and would remain mayor until 1947. FTP, name this former mayor of Jersey City, New Jersey, who replied to his accusers: "I am the law."

*ANSWER: FRANK _HAGUE_

"Nature has given to every man the right to the enjoyment of an equal share in all property," he wrote on posters put up during the French Revolution. He called himself "Tribune of the People." He tried to incite soldiers to revolt, and had attracted some ex-Jacobins to his cause, but was arrested and executed in 1797. FTP, name this French socialist, author of the popular song, "Dying of Hunger, Dying of Cold."

*ANSWER: FRANCOIS NOEL _BABEUF_

As a mulatto, he experienced discrimination from both blacks and whites on his home island of Mauritius. In 1960, he settled in Paris and published frequently in Presence Africaine and other European journals. His first collections of poetry lamented his lonely exile, while other collections expressed anguish over the slaughter of the Nigerian Ibos during that country's civil war. FTP, name this author of the poetry collections African Women of Times Gone By, The Birds of Blood, Taming the Sea, and of course, Shoot Me.

*ANSWER: EDOUARD JOSEPH MARC _MAUNICK_

A consequence of Einstein's postulates is that the measurements of time and distance are not constant when compared to one inertial frame of reference to another so that the speed of light can remain a constant. So, this means there is no such thing as absolute time and absolute distance. All clocks in the universe do not keep time together. FTP, what is this effect observed when a moving clock runs more slowly than a stationary clock?

*ANSWER: _TIME DILATION_

It was divided into the Malm, Dogger and Lias epochs. The seas advanced, many rivers formed, some high mountains were eroded and North America was separated from Africa as the central Atlantic began to form. Early flowers appeared, the dinosaurs were dominant, mammals were still primitive, and the first birds appeared. FTP, all this describes what period, named for some mountains in Switzerland, that lasted from 213 to 144 million years ago.

*ANSWER: _JURASSIC_

He didn't have much luck with women. In 1884, after one affair's collapse, he finished his first symphony. Earlier, he had met Josephine Poisl, was infatuated with her, and was inspired to compose three songs: Im Lenz, Winterlied and Hans un Grethe. Then, in 1907, his wife Alma's affair was exposed while he was working on his Tenth symphony. To show his love for Alma, he dedicated his Eighth Symphony to her. FTP, name this composer most famous for his Titan and Tragic symphonies, and of course, his Song of the Earth.

*ANSWER: GUSTAV _MAHLER_

In this moment, the child assumes an imaginary unity to the body image, in the way that some animals alienate their true nature, in mimetically hiding in their surroundings. One consequence of this narcissistic form is the generations of the ego-functions of jealousy and aggressivity. For 10 points, what is this term in psychoanalysis that is Lacan's original formulation of the structure of imaginary identification?

*ANSWER: THE _MIRROR_ PHASE

One type of these chemicals can elicit a generalized physiological response. These responses are usually to trigger and enhance estrus in females, or to attract males. Another type of these chemicals are meant to bring about an immediate change in behavior, an example of these would be termite alarm signals. FTP, what is this term for chemical signals between two animals of the same species?

ANSWER: _PHEROMONES_

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1. (30) Answer these questions about Egyptian history, for 10 points each.

He was easily led around by foreigners, such as Ferdinand de Lesseps, who convinced this Egyptian ruler to sign the treaty granting a concession for the Suez Canal.

ANSWER: _SA'ID_

A member of the Baring banking family, he arrived in 1883 as a British "advisor," but stuck around as the uncrowned king of Egypt until the British removed him in 1907.

ANSWER: LORD_CROMER_ (ACCEPT _EVELYN_ BARING)

He became pasha of Egypt in 1805 and won great victories for the Turks in Arabia and Sudan, but his fleet was destroyed at Navarino.

ANSWER: _Muhammad Ali_

2. (30) Identify these English Romantics on a 10-5 basis.

For 10: In 1793, he affirmed that a "A new heaven has begun."

For 5: He is better known for his _Songs of Innocence_.

ANSWER: WILLIAM_BLAKE_

For 10: He said, "The world's great age begins anew."

For 5: He, his wife and Claire Clairmont followed Lord Byron around a lot.

ANSWER: PERCY BYCHE_SHELLEY_

For 10: He said, "These, these, shall give the world / Another heart, and other pulses."

For 5: While on a walking tour of Scotland with his friend Charles Brown, he caught the tuberculosis from which he eventually died.

ANSWER: JOHN_KEATS_

3. (30) Identify these types of sensory receptors from a description, for 10 points each.

They detect chemical energy of specific substances dissolved in the fluid surrounding them.

ANSWER: _CHEMORECEPTORS_

They detect infrared energy.

ANSWER: _THERMORECEPTORS_

They detect tissue damage, or pain.

ANSWER: _NOCICEPTORS_

4. (30) I will name a phobia, you name the object feared, 5 points each.

Hypnophobia. *ANSWER: _SLEEP_

Theophobia. *ANSWER: _GOD_

Logophobia. *ANSWER: _WORDS_

Hodophobia. *ANSWER: _TRAVEL_

Genophobia. *ANSWER: _SEX_

Dorophobia. *ANSWER: _FUR_

5. Given a work of science fiction, name the author, FTP each.

1. _Childhood's End_

Answer: Arthur C. _Clarke_

2. _The Star Diaries_

Answer: Stanislaw Lem
3. "Future History" series
Answer: Robert Heinlein

6. (30) Answer these questions about the Whiskey Rebellion for up to 30 stone-cold sober points.

For 5 points, in what state did the Rebellion occur?

ANSWER: PENNSYLVANIA

FTP, in what year did the Rebellion occur?

ANSWER: 1794

For 15 points, how many people were executed for treason after the Rebellion?

ANSWER: ZERO (BOTH THE MEN CONVICTED WERE PARDONED BY WASHINGTON)

7. (30) Answer these questions about the Aeneid.

For 5 points, who was the Queen of Carthage whom Aeneas spurned?

ANSWER: DIDO

For 5 points each, who were Aeneas' parents?

ANSWER: ANCHISES and Aphrodite

For 15 points, who was the Scotsman responsible for the first complete translation of the Aeneid?

ANSWER: GAWIN DOUGLAS

8. (30) I will describe a country's flag, and you can earn 10 points for each flag.

A blue bar on top, a white bar with five blue stars arranged in an X in the middle, and a blue bar on the bottom.

ANSWER: HONDURAS

A red bar on top, a white bar in the middle and a black bar on the bottom.

ANSWER: YEMEN

Red, with a white circle in the middle. The circle contains a red star and crescent.

ANSWER: TUNISIA

9. (30) Arthur Wellesley was an important general. We should know more about him.

For 5 points, by what name is this Briton better known?

ANSWER: 1ST DUKE (OR VISCOUNT) OF WELLINGTON

For 15 points, name the place where he defeated "40,000 Frenchmen in 40 minutes" on July 22, 1812.

ANSWER: SALAMANCA

For 10 points, name any year in which he was Prime Minister of England.

Answer: 1828-1830

10. 30-20-10, name the composer from works.

1. The Freeman Etudes, Music for Marcel Duchamp

2. Music of Changes, Imaginary Landscape No. 2

3. 4' 33"

Answer: John Cage

11. (30) Answer these questions about Thomas Hardy's novels for 10

points each.

What was his first novel, turned down by publishers for being too satirical and socialistic?

ANSWER: THE POOR MAN AND THE LADY

This novel about Bathsheba Everdene and Gabriel Oak was first published serially in Cornhill magazine in 1874, and was Hardy's first commercial success.

ANSWER: FAR FROM THE MADDING CROWD

The Bishop of Wakefield announced that he had thrown this book into the fire--this was part of a wide array of criticism Hardy received for this novel which has recently been filmed.

ANSWER: JUDE THE OBSCURE

12. (30) Pluto is very distant. You can make your score more distant from zero by answering these questions.

FTP, what is the 20-year period during which Neptune will be the most distant planet from the sun?

ANSWER: 1979 TO 1999

FTP, name either of the two men who discovered Pluto's only satellite, Charon.

ANSWER: JAMES W. CHRISTY OR ROBERT S. HARRINGTON

For 10 more points, within 100 million miles, what is Pluto's mean distance from the sun?

ANSWER: 3.7 BILLION MILES (ACCEPT: 3.6-3.8 BILLION MILES)

13. (30) Oh gosh, let's name the band from the songs, 5 points each.

Flood and Big House.

*ANSWER: JARS OF CLAY

Tracy and Mirage.

*ANSWER: THE CUFFLINKS

I Write the Songs.

*ANSWER: BARRY MANILOW

Strong Enough and Down in Flames.

*ANSWER: BLACKHAWK

Photograph and Two Steps Behind.

*ANSWER: DEF LEPPARD

Lucretia MacEvil and Spinning Wheel.

*ANSWER: BLOOD, SWEAT &

TEARS

14. (30) Answer these questions about the Grange movement.

For 5 points, in what state was the Grange founded, where even today, the Democrats are not just Democrats, they are members of the Democratic-Farmer-Labor party?

ANSWER: MINNESOTA

FTP, who was the founder of the Patrons of Husbandry, the 1867 group that became the Grange?

ANSWER: OLIVER HUDSON KELLEY

For 15 points, what is the most important of the Grange court cases, where in 1871, the U.S. Supreme Court upheld an Illinois law setting maximum rates for grain storage facilities?

ANSWER: MUNN V. ILLINOIS

15. (30) Name the author from the works, 30-20-10-5.

For 30: The Hand of the Potter, A Book About Myself.

For 20: The Bulwark, A Hoosier Holiday

For 10: Jennie Gerhardt, The Financier.

For 5: Sister Carrie.

ANSWER: THEODORE DREISER

16. (30) Identify these soldiers in the white blood cell Army for 10 points apiece.

These fast-acting phagocytes take part in inflammation, but not in sustained responses.

ANSWER: NEUTROPHILS

These guys secrete enzymes that attack parasitic worms.

ANSWER: EOSINOPHIL

They secrete interleukins that stimulate rapid divisions and differentiation of both B and T cells.

ANSWER: HELPER T CELLS

17. (30) I will describe a Supreme Court case, you name the amendment used to make that decision, 10 points each.

Mapp v. Ohio.

ANSWER: FOURTH

Gideon v. Wainwright.

ANSWER: FOURTEENTH

Gregg v. Georgia.

ANSWER: EIGHTH

18. (30) Answer these questions about transistors.

FTP, and for 5 if you get it within two, in what year was the transistor invented?

ANSWER FOR 10: 1947 / ANSWER FOR 5: 1945-1949

There are two general types of transistors: BJT's and FET's. For 5 points each, for what do these abbreviations stand?

ANSWER: BIPOLAR JUNCTION TRANSISTORS / FIELD EFFECT TRANSISTORS

FET's have surpassed BJT's in importance. There are two types of FET's: JFET's and MOSFET's. For 5 points each, what do those acronyms stand for?

ANSWER: JUNCTION FIELD EFFECT TRANSISTORS / METAL-OXIDE-SEMICONDUCTOR FIELD EFFECT TRANSISTORS

19. (30) Answer these questions about nuclear physics.

For 5 points, what is recoil-free gamma ray resonance absorption better known as?

ANSWER: THE MOSSBAUER EFFECT

Answer one of the following for 10 points, and answer them both for 25 points.

The Mossbauer effect measures what shift that measures the s-electron charge density at the nucleus and gives information on the character of chemical bonds such as valence and co-valence?

ANSWER: ISOMER SHIFTS

The Mossbauer effect also makes possible the direct measurement of what property of gamma rays, which corresponds to the width of the decaying nuclear level?

ANSWER: GAMMA RAY LINE WIDTH

20. (30) Name the philosopher, 10 points each.

His works were banned by US Customs until 1950, but the Catholic Church banned him 700 years earlier.

ANSWER: PIERRE ABELARD

He composed an opera, Le Devier du Village, in 1752.

ANSWER: JEAN-JACQUES _ROUSSEAU_

His father taught him Greek at age 3, preparing him to lead the Philosophical Radicals.

ANSWER: JOHN STUART _MILL_

(30) Genghis Khan was a really important conqueror. Answer these questions about the Great Khan.

FTP, what was his birth name?

ANSWER: _TEMUJIN_

FTP, and within one, in what year did the Khan unify the warring Mongol tribes and get proclaimed Great Khan?

ANSWER: _1206_ (ACCEPT: 1205-1207)

FTP, who was his son that directly followed him as Great Khan?

ANSWER: _OGODAI_ KHAN

(30) Name the author for 10 points each.

At age 26, an ankle injury forced her retirement from journalism.

ANSWER: MARGARET _MITCHELL_

He left Belvedere College, his grammar school, under a cloud, since he had lost his Catholic faith. And to think he had been twice elected president of the Marian Society.

ANSWER: JAMES _JOYCE_

In 1700, at the age of 12, he claimed to have produced his earliest writings, an Ode to Solitude and a paraphrase of St. Thomas a Kempis.

ANSWER: ALEXANDER _POPE_

(30) Hieronymus Bosch is an important painter, name these Bosch works for 10 points each.

We see a strange animal forcing a sharp stick through a large ear.

A man caught in a big hat finds that one of his legs is sprouting roots.

People fly through the air. In the background, fire lights up the sky.

*ANSWER: _VISION OF TONDALYS_

Man's exile from Paradise is shown on the left, the infinite variation of human vice in the center, and its consequence -- exile to Hell -- is on the right.

*ANSWER: _THE PATH OF LIFE_

Removing "stones" from the head was a fairly common medieval operation, but in this painting a flower is being removed instead of a stone.

*ANSWER: _THE EXTRACTION OF THE STONE OF MADNESS_ (THE CURE OF FOLLY)

(30) This group of idealistic, nationalistic Russian composers dominated late 19th-century Russian music. For 5 points, give the collective name of these composers.

*ANSWER: _THE FIVE_

For 5 points each, name the members of The Five.

*ANSWER: MILY _BALAKIREV_ / CESAR _CUI_ / ALEKSANDR _BORODIN_ / MODEST _MUSSORGSKY_ / NIKOLAI _RIMSKY-KORSAKOV_

I will give a Bible passage, you give me the book it is from, for 10 points each.

"Then lie down on your left side, and I will place on you the guilt of the nation of Israel."

*ANSWER: EZEKIEL

"It so happened that a priest was going down that road; but when he saw the man, he walked on by the other side."

*ANSWER: LUKE

"What have I done to you? Why have you beaten me these three times?"

*ANSWER: BALAAM

(30) I will tell how a foreign species that has had detrimental effects on the American environment was introduced to America, you name the species for 10 points each. For example: It was accidentally imported on infected elm timber in 1930 would be Dutch elm disease (or the bark beetle.)

It came from Japan and was accidentally imported on irises or azaleas in 1911. It has caused the defoliation of nearly 250 plant species, including commercially important ones like citrus trees.

ANSWER: THE JAPANESE BEETLE

It was released intentionally in New York City in 1890, and competes with native songbirds, damages crops, transmits swine diseases, interferes with airport runways and is extremely noisy and messy in large flocks.

ANSWER: THE EUROPEAN STARLING

This ant was probably introduced via Brazilian coffee shipments and damages crops, destroys native ant communities and kills ground-nesting birds.

ANSWER: THE ARGENTINE FIRE ANT

(30) Poland was partitioned three times by Prussia, Austria and Russia before finally disappearing. FTP each, and for 5 points for getting within a year, name the three years of Poland's partitions, in order.

ANSWER: 1772 (1771-1773); 1793 (1792-1794); 1795 (1794-1796)