

1996 Terrapin Invitational
Questions by Johns Hopkins

1. His works were highly regarded by Marxists because they highlighted the achievements of the industrial and commercial middle class. He inaugurated the study of kinship systems as the basic organizing principle in most pre-urban societies. Much of the basis of his works was his study of the Seneca tribe, which adopted him in 1846. FTP, name this ethnologist, author of *Systems of Consanguinity and Affinity of the Human Family* and *Ancient Societies*.

Answer: Lewis Henry *Morgan*

2. It is used in shielding material and in some control rods in nuclear reactors. As a dark-brown to black amorphous powder, it is more reactive than its crystalline metallike form. Isolated by Sir Humphry Davy in 1807, it is often found in nature in a hydrate with sodium. FTP, name this element at the top of Group IIIa with atomic number 5.

Answer: *boron*

3. This term was coined in the prologue to the 1949 work whose title is translated from Spanish as *The Kingdom of this World*. Influenced by French surrealism, it was a concept broad enough to accommodate both the events of everyday life and the fabulous nature of Latin American geography and history. FTP, name this two-word term coined by the Cuban novelist Alejo Carpentier.

Answer: *Magic Realism* or *Lo Real Maravilloso* (accept magical realism)

4. WARNING: Two answers required. They found that the electrons scattered at certain special angles and they were then able to calculate a wavelength of those electrons, confirming the existence of de Broglie waves and that electrons have wave properties. Their experiment involved scattering a beam of electrons of known energy by a nickel crystal. FTP, name these two men, one of whom won the Nobel Prize in 1937.

Answer: Clinton J. *Davisson* and Lester H. *Germer*

5. His most noted contribution was his famous Autobiography, telling of his adventures in Italy and France, and his relations with popes, kings, and fellow artists. This devotee of high living was the creator of a gold medallion of Leda and the Swan, and he was commissioned to sculpt an elegant statue in Florence in 1553 which became *Perseus with the Head of Medusa*. FTP, name this Florentine sculptor and metalsmith.

Answer: Benvenuto *Cellini*

6. The first winner of this prize was "The Story of Mankind" by Hendrik Willem van Loon. Established by the Melcher family in 1922 and presented annually by the American Library Association, this award was named after an English bookseller. FTP, name this award, whose other winners include Gay-Neck, Call It Courage, Mrs. Frisby and the Rats of Nimh, and Bridge to Terabithia.

Answer: *Newbery medal*

7. Technically the name applied to an area in southern Babylonia which bordered the head of the Persian Gulf between the Arabian Desert and the Euphrates delta. However, its importance in the Hebrew Bible and the Middle

East is historical as well as geographical, since it was the region that produced the governor Nabopolassar, who wiped out the Assyrian empire and began a dynasty that ruled Babylon for the next century. FTP, name this region, where the city of Ur was located.

Answer: _Chaldea_

8. For centuries during the pre-Christian Roman era, anyone who wanted to be Priest of Diana at Nemi could win that title simply by killing the man who had held it previously. The origins of that custom are rooted so deeply in complex systems of primitive superstition and magic that it took twelve volumes to address them in the first edition of a work whose title refers to the branch broken from a sacred tree by Aeneas. FTP, name this monumental work of anthropological scholarship by Sir James Frazer.

Answer: The _Golden Bough_

9. By positing a situation in which an unobservable macroscopic event is made to depend on the outcome of a single quantum event, it attempts to point out some of the weaknesses its originator saw in classical quantum theory. FTP, identify this celebrated thought-experiment, which features a box, an atom of radioactive material, a vial of poison gas, and a very unfortunate house pet.

Answer: _Schrodinger's Cat_ (prompt on Schrodinger)

10. It is the custom of this country to cure criminals of their tendencies with lots of sympathy and tender loving care, while the sick are sent away to penitentiaries until they are fit to rejoin society. Death is an occasion for elaborate mourning rituals, but childbirth is considered an unpleasant subject better left undiscussed. The country's location is never given, but you can get one misspelled clue by reading its name backward. FTP, name this fictional creation of Samuel Butler.

Answer: _Erewhon_ (do not accept Eruwhon)

11. When his friend, Dr. Beanes, was taken aboard Admiral Cockburn's British squadron for interfering with ground troops, he went to the fleet under a flag of truce with a note from President Madison. As the fleet was about to sail up the Patapsco, Cockburn detained him, first on the HMS Surprise and then on a supply ship. It was during this time that he wrote a stanza on the back of an envelope. FTP, name this man, whose poem became "The Star-Spangled Banner".

Answer: Francis Scott _Key_

12. 1997, the sesquicentennial of his death, promises to be a banner year for this composer, with major ensembles planning performances of his cantata "Song of Praise" and his oratorio "Elijah." In 1829, he conducted a performance of the _St. Matthew Passion_ that revived interest in J.S. Bach. FTP, name this friend of Berlioz and composer of the "Hebrides" Overture and incidental music to _A Midsummer Night's Dream_.

Answer: Felix _Mendelssohn_-Bartholdy

13. Afflicted all his life with a deep melancholy that pervades such novels as _The Izu Dancer_, _The House of the Sleeping Beauties_, and _Beauty and Sadness_, he took his own life in 1972, at a time when his own accomplishments were overshadowed in the public eye by those of his colleague and countryman Mishima Yukio. FTP, who was this novelist, the first Japanese

national to win the Nobel Prize for Literature?

Answer: _Kawabata_ Yasunari (NB: Mishima had committed suicide in typically flamboyant fashion two years before.)

14. Its first contact with Europeans involved the Portugese who built Elmina Castle on its coast, but later the Dutch and then the British capitalized on the slave trade, and the British soon colonized. Its independence movement was started in 1947 through the organization of the nationalist party which helped gain full independence in 1957. FTP, name the West African country whose independence movement and first government was led by the British and American educated Kwame Nkrumah.

Answer: _Ghana_

15. A major theory presented in this work was called by H. L. Mencken "one percent platitude and 99 percent nonsense." Its definition of waste was any activity not contributing to material productivity, and other sections of the work discuss how the upper classes engage in "conspicuous consumption". FTP, name this 1899 work written by the son of Norwegian immigrants, Thorstein Veblen.

Answer: The _Theory of the Leisure Class_

16. At the age of 16, she was the youngest champion of the US Open until Tracy Austin won the title in 1979. Not only did she win that title three consecutive times from 1951 to 1953, she also won back to back French Opens in 1952 and 1953 and three Wimbledons from 1952 to 1954. Unfortunately, her career was cut short at the age of 19 when she was injured in a horse-riding accident. FTP, name this American tennis star who was the first woman to win the Grand Slam.

Answer: Maureen "Little Mo" _Connolly_

17. One of this novel's main characters is loved by William Dobbin and George Osborne, who dies at Waterloo. The other lives at the height of fashion with the help of Lord Steyne and marries Rawdon Crawley. FTP, name this 1848 work, subtitled a Novel without a Hero, which depicts the contrast between Amelia Sedley and Becky Sharp.

Answer: _Vanity Fair_ by William Makepeace Thackeray

18. Its source is Heart Lake in Yellowstone National Park. It then flows through Grand Teton National Park, the cities of Pocatello and Twin Falls, and Hell's Canyon before joining the Columbia near Kennewick, Washington. FTP, name this river, which forms much of Idaho's western border.

Answer: _Snake_

19. They are most well known for their pulpits which incorporated Greco-Roman elements for the first time in medieval art. Nicolo, the father, executed the Pisa Baptistry, while Giovanni, the son, designed the facade of the cathedral of Siena, Italy. FTP, give the surname of the most important of 13th century Italian Gothic sculptors.

Answer: _Pisano_

20. More than a century before Bob Packwood's political career ended amid accusations of sexual impropriety, this man was named as a correspondent in the O'Shea divorce trial of 1890, was hounded out of politics, and died shortly thereafter at the tender age of 45. Earlier, he had formed an

alliance with Gladstone to pass the first Home Rule Bill. FTP, name this Irish parliamentary chief.

Answer: Charles Stewart Parnell

21. It makes up 11% of whale oil and is composed mainly of the wax cetyl palmitate as well as smaller amounts of cetyl alcohols. It is white and has a pearly luster and has been widely used in the making of cosmetics, fragrant soaps, and candles. FTP, name this translucent wax, most notable for Melville's description of it in Moby-Dick when he describes that the waxes "discharged all their opulence, like fully ripe grapes their wine; as I snuffed that uncontaminated aroma, - literally and truly, like the smell of spring violets."

Answer: SPERMACETI

22. Motivated by rage at the injustices inflicted on African Americans, his work dealt with historical themes and the major social issues of his day. His series "From Every Southern Town ..." focuses on the migration of Southern blacks to Northern urban areas. FTP, name this most famous artist of the 1920s Harlem Renaissance.

Answer: Jacob LAWRENCE

23. It rises 2,425 feet above sea level and each of its three peaks is topped by a medieval tower. It is located approximately 137 miles north of Rome as part of the Apennines. FTP, name this mountain that makes up practically all of the land area of San Marino.

Answer: MOUNT TITANO

24. This group used anthropological, geographical, and historical material to construct a "mythos of place", and they also developed a poetic form called projective verse. Poets associated with the group were Robert Creeley, Robert Duncan, Ed Dorn, Paul Blackburn, and Denise Levertov. FTP, name this group affiliated with an experimental college in North Carolina in the 1950's whose central figure was Charles Olson.

Answer: THE BLACK MOUNTAIN POETS

25. Suppose that by titration, the pH of a solution is determined to be 4.00. In molar, to one significant figure, what is the approximate HYDROXIDE ion concentration in the initial solution, FTP?

Answer: 1 x 10⁻¹⁰ molar or equivalent

26. "A new generation grown up to find all Gods dead, all wars fought, all faiths in mankind shaken." This was one writer's interpretation of a period characterized by the spirit of determined unconventionality, gaiety, and dissipation of the American boom era that followed World War I. Prominent writers of this period include John Dos Passos and James T. Farrell. However, F. Scott Fitzgerald was one of the first to use this term for the time period when he titled a 1922 work, Tales from, FTP, what period in American social and cultural history?

Answer: The Jazz Age

27. Suppose a tract of land in the shape of an equilateral triangle of side length 1 costs \$10,000. If the price of land is directly proportional to land area, FTP, what would be the cost of a tract of land in the shape of a regular hexagon with side length 1?

Answer: \$_60,000_

28. They were a reaction to the German university nationalist movements of 1815. Proposed by Metternich in opposition to a united Germany, they dissolved the nationalist Burschenschaft and placed government officials in universities to censor patriotic speech and press. FTP, name these decrees that checked German nationalism, named for the Bohemian city where they were drawn up.

Answer: the _CARLSBAD DECREES_

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1. Identify the following French regents for ten points each:

1. Regent to Charles IX, she gained infamy as the woman who ordered the St. Bartholomew's Day Massacre.

Answer: Catherine de Medici

2. Regent to Louis XIII, she sought internal security against pressure by the French nobility by promoting the career of Cardinal Richelieu.

Answer: Marie de Medici

3. He was regent to Louis XV until his death in 1720, and his regency was marked by financial and moral scandals.

Answer: Duke d'Orleans

2. Answer the following questions about the legends of King Arthur FTP each.

1. Known as "the Courteous", he had a famous fight with Lord Bercilak.

Answer: Gawain

2. This knight who grew up in the woods was one of those who pursued the quest of the Holy Grail. His true love was the Lady Blanche fleur.

Answer: Percivale

3. He was called The Knight of the Kitchen because he was a kitchen hand at King Arthur's court for one year before pursuing his adventures.

Answer: Gareth

3. Answer these questions about the Boston Massacre for the stated point values.

1. For five points, give the year it took place.

Answer: 1770

2. For 5, how many people were killed, including those killed immediately and those mortally wounded?

Answer: 5

3. FTP, name the leader of the squad which fired on the unruly crowd in front of the Customs House.

Answer: Captain Thomas Preston

4. FTP, name the future president who defended the soldiers at their trials.

Answer: John Adams

4. There were many books written about Watergate. For the stated point values, given the title of a book, name the author or authors.

1. 5 pts: The Final Days

Answer: Bob Woodward and Carl Bernstein (need both)

2. 10 pts: Will

Answer: G. Gordon Liddy

3. 15 pts: Witness to Power

Answer: John Ehrlichman

5. Name the following people relating to sociology for 10 points each.

1. He coined the term sociology and is known as the founder of positivism.

Answer: Auguste Comte

2. This German sociologist and political economist is best known for his thesis on the "Protestant Ethic".

Answer: Max Weber

3. American believed to have taught the first course in sociology at Yale as early as 1875. He introduced the classic concepts of folkways and mores and

was an adamant Social Darwinist.

Answer: William Graham _Sumner_

6. Identify the type of paint from its description for 10 points each.

1. It is a paint with pigment mixed with beeswax and resin, and after application fixed by heat.

Answer: _encaustic_

2. From the Latin word gypsum, it is plaster of paris or gypsum as prepared for use in painting and sculpture.

Answer: _gesso_

3. It is a method of painting with opaque colors ground in water, and mixed with gum and honey so as to form a sort of paste.

Answer: _gouache_

7. Identify the following baseball pitchers FTP each.

1. He was called "Double No Hit" in 1938 for pitching back-to-back no-hitters for Cincinnati.

Answer: Johnny _Vander Meer_

2. In the second All-Star game, he struck out Babe Ruth, Lou Gehrig, Jimmie Foxx, Al Simmons, and Joe Cronin in succession.

Answer: Carl _Hubbell_

3. He pitched the "Shot heard round the world" to Bobby Thomson in 1951.

Answer: Ralph _Branca_

8. 30-20-10, name the country.

1. It became involved in a diplomatic crisis with the United States after government troops fired on the U. S. research vessel "Water Witch" in 1855.

2. It was ruled continuously by one man from 1954-1989, which is a record for a South American country.

3. The man in question is Alfredo Stroessner.

Answer: _Paraguay_ (and not a mention of the Gran Chaco War!)

9. Given an actor or actress, name any two films for which they won Academy Awards, 5 points per correct answer.

1. Dustin Hoffman

Answer: _Rain Man_ and _Kramer vs. Kramer_

2. Ingrid Bergman

Answer: _Gaslight_, _Anastasia_, _Murder on the Orient Express_

3. Jane Fonda

Answer: _Klute_ and _Coming Home_

10. Identify the scientific term, 30-20-10.

1. In information theory, it represents the lower bound on the average number of bits per character needed to transmit a written language.

2. In the physical sciences, this quantity, as pertains to a physical state, varies directly as the natural logarithm of the probability of that state's occurring.

3. According to the Second Law of Thermodynamics, it's always increasing.

Answer: _entropy_

11. The Caspian Sea is bordered by 5 nations. Four of them are former Soviet republics. For five points each and a five point bonus for having all correct, name the five countries that border the Caspian Sea.

Answer: _Russia_, _Turkmenistan_, _Kazakhstan_, _Azerbaijan_, _Iran_

12. Name the David Mamet play given the plot, ten points each.

1. A number of real estate agents working in the same office contrive independently to get their hands on a secret list of promising leads.

Criminal actions and unhappiness result.

Answer: _Glengarry Glen Ross_

2. An impoverished hardware store owner, his young assistant, and a dangerously off-the-wall acquaintance plot to steal a valuable coin collection in retaliation for an imagined business slight. They bungle the job and unhappiness results.

Answer: _American Buffalo_

3. A male professor tries to help a female student who is struggling in his class and things get a little intimate. Charges of sexual harassment result, as does, of course, unhappiness.

Answer: _Oleanna_

13. Given the musical works, name the composer on a 10-5 basis.

1. 10 pts: The Rise and Fall of the City of Mahagonny

5 pts: The Threepenny Opera

Answer: Kurt _Weill_

2. 10 pts: _Of Mice and Men_ film score

5 pts: _Billy the Kid_

Answer: Aaron _Copland_

3. 10 pts: Judas Maccabaeus

5 pts: Water Music

Answer: George Frideric _Handel_

14. FTP each, answer the following questions about Chinghiz Khan, the Washington Post's Man of the Millennium.

1. First, give Chinghiz Khan's birth name.

Answer: _Temujin_

2. Name his father, whose death early in Temujin's childhood allowed his clan's rivals to come to power.

Answer: _Yesugei_

3. Khan established his capital at this city in what is now Mongolia.

Answer: _Karakorum_

15. Given the description, name the condition for the stated point values.

1. 5 pts: Inflammation of the gums.

Answer: _gingivitis_

2. 10 pts: A contagious inflammation of the genital mucous membrane.

Answer: _gonorrhea_

3. 10 pts: A metabolic disease marked by painful inflammation of the joints, deposits of urates in and around the joints, and usually an excessive amount of uric acid in the blood.

Answer: _gout_

4. 10 pts: An enlargement of the thyroid gland visible as a swelling of the front of the neck.

Answer: _goiter_

16. In the first half of the 16th century, Spaniards successfully conquered two of the greatest Pre-Columbian civilizations in the Americas, the Aztecs and the Incas. Answer these questions on the conquest for the stated number of points.

1. For 5 points each, which conquistador led the 1519-1521 expedition against the Aztecs?

Answer: Hernan _Cortes_

2. Which one led the 1530-1532 expedition against the Incas?

Answer: Francisco _Pizarro_

3. For 10 points, name the last emperor of the Aztecs who ruled after the death of Montezuma until his execution in 1524.

Answer: _Cuauhtemoc_ (cwa-te-mock) or Guatemoc (gwa - te - mock)

4. For 10 points, name the last emperor of the Incas who gained power after he assassinated his brother and ruled for less than a year before the Spaniards sentenced him to death by burning in 1533.

Answer: _Atahualpa_ (ata - hwal - pa)

17. 30-20-10, name the English scientist.

1. In 1820, he produced the first known compounds of carbon and chlorine - C_2Cl_6 and C_2Cl_4 .

2. He believed in the unity of electric and magnetic forces, founded field theory, and coined the terms paramagnetic and diamagnetic.

3. He discovered benzene, and invented the first dynamo--a precursor to the modern electric motor.

Answer: Michael _Faraday_

18. The presidential election of 1876 and its subsequent compromise were and still are very controversial. Answer these questions about the Tilden-Hayes Election Compromise for the stated number of points each.

1. First, for five points each, name any the four states whose ballots were disputed.

Answer: _Florida_, _Louisiana_, _South Carolina_, _Oregon_

2. The electoral commission awarded all four disputed states to Hayes. By how many electoral votes did he then win the election?

Answer: _one_

19. 30-20-10, name the religion.

1. The adherents of this religion believe that each race was given a continent of its own and that the white race brought misery to the world by enslaving other peoples and seizing their lands.

2. Their interpretation of the New Testament asserts that the true children of Israel are the blacks, the exile was their diaspora in the New World, and the exodus will be their return to the promised land in Africa.

3. This religion originated in Jamaica and its followers consider Haile Selassie to be a messiah sent by God to liberate Africans from colonialism.

Answer: _Rastafarianism_

20. 30-20-10, name the art work.

1. Discovered on the Esquiline Hill in Rome in 1506, this was perhaps the most admired work of Hellenistic statuary until the Nike of Samothrace was discovered over a hundred years ago.

2. It is attributed to Athenodorus, Polydorus, and Agesandrus of the school of Rhodes in the 2nd century B.C.

3. It is named after the priest who was punished by the gods for warning the Trojans not to admit the Greeks wooden horse into the city. Unfortunately, his warning was ignored and the Trojans were defeated.

Answer: _Laocoon_ Group

21. Now it's time for a Dickens Bonus. You'll receive 15 points if you can identify the novel by its first line and 5 points if you need a list of its characters.

1. 15 pts: "My father's family name being Pirrip, and my Christian name Philip, my infant tongue could make of both names nothing longer or more explicit than Pip."

5 pts: Mrs. Joe Gargery, Bentley Drummle, and Miss Havisham

Answer: GREAT EXPECTATIONS

2. 15pts: "Now, what I want is, Facts. Teach these boys and girls nothing but Facts. Facts alone are wanted in life."

5 pts: Steven Blackpool, Thomas Gradgrind, Josiah Bounderby, and Sissy Jupe

Answer: HARD TIMES

22. Name the novel from the given clues on a 30-20-10 basis.

1. Main characters in this novel include Father Paneloux, Grand, a hotel clerk, Rambert, a reporter, and Cottard, a man whose observations are important to the novel.

2. The novel begins on the morning of April 16 when Dr. Bernard Rieux steps on a dead rat.

3. It is set in Oran, Algeria, and ends after doctors Rieux and Castel's serum works.

Answer: _THE PLAGUE_ (or "La Peste") (sounds damn familiar)

23. In Robertson Davies's novel _The Rebel Angels_, a Canadian biologist wins the Nobel Prize for demonstrating a connection between psychological temperament and body structure. The work of this fictional man is, however, based on an actual system, put forward by an American psychologist in the early 20th century, which measures body structure on three different scales and tries to identify brain function therefrom. For fifteen points, name this true-to-life scientist.

Answer: W. H. _Sheldon_

2. Sheldon's system identified three basic body types, whose labels survive down to the present day, even though the system doesn't. For five points each, name them.

Answer: _endomorph_, _mesomorph_, _ectomorph_

24. The folk movement in German poetry of the Romantic Period was given its greatest impetus by the publication, in 1805, of the first comprehensive compilation of authentic German folk poetry. FTP, give its title.

Answer: _Des Knaben Wunderhorn_ or English equivalents such as _The Boy's Magic Horn_

2. For five points each, name the two men, noted poets themselves, who compiled it.

Answer: Achim von _Arnim_ Clemens _Brentano_

3. For a final ten points, name the Austrian composer of the vocal work entitled "Des Knaben Wunderhorn."

Answer: Gustav _Mahler_

Name the American film described for ten points each.

1. Based on Thomas Dixon's novel, The Clansman, this 1915 film was produced by D.W. Griffith.

Answer: _Birth of a Nation_

2. This was the first talking feature film, and it starred Al Jolson.

Answer: The _Jazz Singer_

3. Based on a novel by Nicholas Kazantzakis, the 1988 Martin Scorsese film protested by Protestants and Catholics.

Answer: The Last Temptation of Christ

Name the German chemist on a 30-20-10 basis.

1. He was born in Darmstadt in 1803, studied under Kastner and Gay-Lussac, and became a full professor at the University of Giessen in 1826.
2. His 1840 work "Organic Chemistry in Its Application to Agriculture and Physiology" was influential throughout Europe and he founded the journal that eventually became the "Annalen der Chemie."
3. His work with Wohler on bitter almond oil, or benzaldehyde was instrumental in the development of radical theory, and he popularized the condenser named after him.

Answer: Justus von LIEBIG