

Terrapin Invitational Tournament 1994
Questions by NC State and Lord High Tournament Directors

(1) He formulated the concept of chemical potential and did work in statistical mechanics. His name is associated with a measure which is normally expressed as the change in enthalpy minus the change in entropy multiplied by temperature. FTP identify this 19th century American chemist.

Answer: Josiah Gibbs

(2) In 1905 his mother took him to Osawatomie, Kansas, where she was an honored guest during Teddy Roosevelt's famous speech, since she was the last surviving widow of the John Brown raids. His family had a history of political and abolitionists activism, his grandfather Charles being the first black representative to Congress from Virginia. He himself won the 1960 Spingarn medal and was commissioned to write Fight for Freedom, a lively and well-researched history of the NAACP. FTP identify this writer, creator of such works as Fine Clothes to the Jew, The Panther and the Lash, and The Dream Keeper, whose 1930 play Mulatto: A Play of the Dead South ran the longest of any play written by a black on Broadway until Hansberry's A Raisin in the Sun, which took its title from a line in one of his most famous poems.

Answer: Langston Hughes

(3) Legend has it that he was born prematurely when his mother heard of the approaching Spanish Armada. He is better known, however, for being a hardline materialist and monarchist. At the restoration, Charles II gave him, his former tutor, a pension to live off of and used his influence to quash a bill linking the Great Fire of London with a punishment from God for England's harboring of such an atheist, a title he undeservedly earned because of his deistic philosophy, which he expounded in such works as De Cive, The Elements of Law, De Corpore, and Philosophical Rudiments. FTP identify this great rival of Descartes whose greatest work, published in 1651, was subtitled "The Matter, Form and Power of a Commonwealth."

Answer: Thomas Hobbes

T- 4 It tells the story of Elvira, daughter of Lord Walton, who is a follower of Oliver Cromwell. She loves Lord Arthur Talbot--a Stuart follower--so her father promises her hand to Sir Richard Forth who follows Cromwell. Arthur rescues the Stuart Queen Henrietta by disguising her in a bridal gown, and when Richard tells Elvira that Arthur was with another woman, she goes mad. Her sanity is eventually restored when the Stuarts are defeated and she ends up marrying Arthur. FTP this is a cursory plot summary of what 1835 opera by Vincenzo Bellini?

I PURITANI or The Puritans

(5) He was the first Englishman to ever traffic in slaves. He was a rear admiral in the Royal Navy at the time of the Spanish Armada, having been appointed naval treasurer in 1573. After the Armada, Queen Elizabeth knighted him and he proceeded to terrorize the Spanish West India trade. FTP identify this sailor who died near Puerto Rico while on a expedition with his nephew, Sir Francis Drake.

✓ (6) Born as John Griffith Chaney, he quit school at age 14 to escape poverty, but later attended Berkeley for a year after cramming a 4 year high school course into a single year. After quitting Berkeley, he became a militant socialist. He became a popular and wealthy writer. His first novel was A Daughter of the Snows. Other works were John Barleycorn and Burning Daylight. FTP identify this writer whose better known works are The Cruise of the Snark and The Sea Wolf.

Answer: Jack London

T- 7 According to Ovid, it was he who caused the creation of the river Acis by crushing a young man under a rock because of his love for the nymph Galatea. In the Odyssey, however, he dines on six of Odysseus' crew after imprisoning the Greeks behind a large rock. FTP who is this son of Poseidon and best known of the cyclops of Greek mythology? POLYPHEMUS

T- 8 The current pole star is Polaris, but it wasn't always the pole star. Because of the gravitational attraction of the sun and the moon on the Earth's equatorial bulge, the axis of Earth's rotation traces out a cone and the north celestial pole is not a fixed point in the celestial sphere. This phenomenon discovered by Hipparchus ~~and~~ was first fully explained in Newton's Principia. FTP identify this motion of the Earth's axis of rotation.

PRECESSION of equinoxes

(9) He married Philippa of Hainault while still a teenager. Before he could assume royal power, he had to overthrow his mother and her lover Mortimer who had seized the throne and murdered his father in 1327. He would eventually father 7 sons and several daughters and his descendents would fight and quarrel for 2 thrones for nearly 2 centuries after his death. FTP name this English monarch who started the Hundred Years War.

Answer: Edward III

(10) He is widely considered the most important American playwright of the 1930's. He began as an actor and in 1931 became a co-founder of the Group Theatre, which later produced many of his plays. His works are mostly proletarian dramas concerned with class struggle, such as Till the day I Die and Country Girl. FTP identify this author of Waiting for Lefty.

Answer: Clifford Odets

T- // He came to North America in 1883 on an expedition to study the Eskimo culture of Baffin Island. From 1886 to 1889, while at Clark University, he studied the Indians of British Columbia. By 1899, he was Professor of Anthropology, a new department at Columbia University. FTP name this teacher of Ruth Benedict and Margaret Mead who wrote The Mind of Primitive Man.

Franz BOAS

(12) He once responded to hecklers who called him an impractical philosopher by entering the olive-oil business and making a fortune. Regarded as one of the 7 wise men of ancient Greece, he is also known to have once predicted an eclipse of the sun and to have calculated the distance to ships at sea by using the pythagorean theorem, though it had not yet been simplified by Pythagorus. FTP identify this man who postulated that water is the primary substance of the universe, but is more widely known as the founder of Greek philosophy.

ANSWER: Thales of Miletus

(13) The most commonly used form is made by synthesizing terephthalic acid and ethylene glycol. It has many uses, including car interiors, carpets and clothes, where is mostly used in mixtures with other fibers. In the 1970's however, consumers bought garments of 100% of this fiber, despite the fact that it does not soak up perspiration. FTP name this hydrophobic man-made fiber invented by DuPont.

Answer: polyester

(14) It is the seat of Jefferson county and lies mostly in Jones Valley. Until the Civil War it essentially did not exist, but after the war, an auction was held, lots were sold and streets were marked off, making it one of America's earliest planned cities. The iron ore and coal which were discovered nearby helped to build it, though today the steel mills are mostly closed. FTP identify this city called the "Pittsburgh of the South" which became infamous for race riots, bombings and the jailing of Martin Luther King in the 1960's.

Answer: Birmingham

(15) It is a travel book based on a series of letters written from New York to San Francisco newspapers by a roving correspondent. Published in 1869, the book burlesqued the sentimental travel books of its day and its author famous. FTP identify this work, subtitled The New Pilgrim's Progress a brilliant satire of European and American prejudices and manners which typified the style of Mark Twain.

Answer: The Innocents Abroad

(16) The first Indian Parliament meets, Faisal I becomes king of Iraq, Hirohito is named Prince Regent in Japan, Morgan postulates the theory of chromosomal heredity, Charles Evans Hughes is named secretary of state, Taft become chief justice of the Supreme Court, Anatole France wins the Nobel Prize in literature, Sacco and Vanzetti are convicted and Warren Harding is inaugurated as president.

Answer: 1921

(17) It relates the history of Israel from the Hebrew entrance into Canaan through the conquest of the country and division into tribal territory. It is estimated to cover 26 or 27 years and is regarded by its author as the perfect demonstration of God's faithfulness to the promises made to the early patriarchs. FTP identify this Old Testament book, the first to use a personal name as its title.

Answer: Joshua

T-18 He seized power in a popular coup in 560 BC, was ousted in 552, but established himself firmly as ruler from 541-527. His reign was noted for its stability and culture, and during it Athens became the foremost city in Greece. Also, the works of Homer were edited and the first Greek tragedies were performed. FTP name this ruler who succeeded Solon and was known as the greatest of the Greek tyrants.

PISISTRATUS

T-19 It was first isolated in 1921 by F.G. Banting and C.H. Best. This hormone important to metabolism is a protein made up of 50 amino acids that is produced by the islets of Langerhans. Frederick Sanger won the 1958 Chemistry Nobel Prize for elucidating its structure. FTP identify this pancreatic protein that mediates the conversion of blood sugar into glycogen.

INSULIN

T-25 He immigrated to the US in 1938, where, among other things, he designed a new campus for the Illinois Institute of Technology. His buildings, many of them with glass walls within a steel grid, became the standard for modern glass skyscrapers. Emphasizing the credo that "less is more", his Seagram Building in New York is an outstanding example of this refinement of rectangular volume. FTP who is this German-American architect, appointed the last director of the Bauhaus in 1930.

Ludwig MIES VAN DER ROE

BONUSES

[30 pts]

(1) For 5 pts each identify these Noble Prize winners given a year and category

1923 in medicine	Charles Best and Frederick Banting
1903 in physics	Antoin Becquerel, Marie Curie, and Pierre Curie
1902 in physics	Hendrik Lorentz

[30pts]

(2) As Christianity spread throughout the Mediterranean and began to be considered more than just a Jewish sect it attracted followers from diverse regions.

part 1 [5pts each]- identify the 4 most important cities operating as centers for the new religion

answers: Alexandria, Rome, Antioch, Ephesus

part 2 [10pts]- you can now pick up 10pts for identifying the nephew of Constantine who, although a decent ruler, tried to restore paganism to the Roman Empire

answer: Julian the Apostate ✓

[30pts]

(3) For 5pts each and a 10pt bonus for all 4, identify each of the following beginning with the letter "A"

5pts- This play is Eugene O'Neill's only true comedy. It concerns Tommy Miller and portrays a variety of uncharacteristically "all-american" values

answer: Ah, Wilderness ✓

5pts- He is the husband of Goneril who rules England jointly with Edgar at the end of King Lear

answer: the Duke of Albany ✓

5pts- she shared the 1931 Nobel Peace prize with Nicholas Murray Butler for her humanitarian work in such cities as Chicago

answer: Jane Addams ✓

5pts- the elder was the granddaughter of Augustus banished by Tiberius in 33AD, the younger was the daughter of Germanicus, the sister of Caligula and husband of Claudius

answer: Agrippina ✓

[30pts]

(4) Identify the following Poet Laureates

10pts- she is the current US Poet Laureate

answer: Rita Dove ✓

10pts- He served as British poet Laureate from 1619-37, in between Samuel Daniel and Sir William Davenant

answer: Ben Jonson ✓

10pts- He served as British Poet Laureate from 1813-43 and was a close associate of Wordsworth

answer: Robert Southey ✓

[30pts]

(5) Identify these men of science on a 10-5 basis

10pts- He was the first to ever diagnose by the pulse

5pts- Living from 130-201AD, he attended Marcus Aurelius, Commodus and Sextus

although he was himself Greek

answer: Galen ✓

10pts- He was once sentenced to death by the Inquisition for what they called "body snatching" and for dissecting dead bodies: the sentence was later reduced to a pilgrimage to Jerusalem

5pts- Although Belgian, he was the court physician to the Spanish monarchs Charles V and Phillip II

answer: Vesalius ✓

10pts- He postulated at an early time the theory that both males and females contribute to the formation of offspring, and is believed to be the first Englishman ever to do so

5pts- He served as court physician to James I and Charles I of England

answer: William Harvey

[30pts]

(6) Since Socrates left no writings after him, accounts of his life and philosophy exist only in the writings of others. If you can name all 4 of these writers you will earn 30pts, otherwise you will get 5pts for each. Here's a hint: of the 4, 3 were contemporaries and of those 3 contemporaries, one was primarily a playwright, one primarily a philosopher, and the other a military man and historian. The non-contemporary should be obvious.

answer: Aristophanes, Xenophon, Plato, Aristotle (the non-contemporary)

[30pts]

(7) Identify the following American writers from works on a 15-10-5 basis

15pts- The Wide Net, The Golden Apples

10pts- Thirteen Stories, A Curtain of Green, The Ponder Heart

5pts- Delta Wedding, The Optimist's Daughter answer: Eudora Welty

15pts- The Dream Life of Balso Snell, A Cool Million

10pts- Miss Lonelyhearts

5pts- The Day of the Locust

answer: Nathaniel West

[30pts]

(8) Identify the following from Norse mythology

5pts- this is the collective name for the Norse Gods answer: the Aesir ✓

10pts- this is the rainbow bridge connecting Valhalla and Earth answer: Bifrost ✓

15pts- these are the mountains of the giants, whose chief city was Ufgard

answer: Jotunheim

[30pts]

(9) I give you a monetary unit, you give me the country where it is used, 5pts each and a 5pt bonus for all 5

5pts- the Guilder the Netherlands ✓

5pts- the Escudo Portugal ✓

5pts- the Balboa Panama ✓

5pts- the Yuan China
5pts- the Bolivar Venezuela

[30pts]

(10) Identify the following states from nicknames, 5pts each and a 10pt bonus for all four

5pts- the Camelia state Alabama ✓
5pts- the Nutmeg state Connecticut ✓
5pts- the Sunflower state Kansas ✓
5pts- the plantation state Rhode Island

[30pts]

(11) I give you a VP, you tell me what President he served, 5 pts each

Daniel D Tompkins Monroe (JAMES) ✓
William A Wheeler Hayes (RUTHERFORD) ✓
James S Sherman Taft (WILLIAM H.) ✓
Thomas Marshall Wilson (WOODROW) ✓
Adlai E Stevenson Cleveland (GREVER) ✓
Richard M Johnson Van Buren (MARTIN) ✓

[30pts]

(12) Identify the following philosophical terms, 10pts each

10pts- This is the concept that an agreement between people and government or ruler, in which it is agreed that some personal liberties will be sacrificed is necessary to facilitate the security of stable political rule. It is common in the writings of Rousseau, Locke and Hobbes answer: the Social Contract ✓

10pts- This philosophy holds that thinking is primarily a guide to action and that the truth of any idea lies only in its consequences. It is common in the work of William James. answer: Pragmatism ✓

10pts- This is a general term referring to the Christian thought of the Middle Ages, especially at the Universities. It basically mirrored Aristotle's empiricism, using highly analytical, logical and linguistic methods of argumentation. St Thomas Aquinas subscribed to this mode of thought, which was in direct conflict to the Humanistic and liberal thought of the coming Renaissance answer: Scholasticism ✓

[30pts]

(13) Identify the following from Egyptian mythology

5pts- this is the god of immortality and fertility answer: Osiris ✓
10pts- this is the falcon-headed son of Isis and Osiris answer: Horus ✓
15pts- This is the jackal-headed god who supervises the embalming of bodies and judges the dead in the underworld answer: Anubis

[30pts]

B-14 The origin of the universe has been debated by every religion and society. Let's test your knowledge on modern science's response by answering these questions about the Big Bang for the stated number of points.

5: One of the first clues about the Big Bang was the observation that distant galaxies appear to be receding from us. Name the physical effect which was used to measure the speed of this recession.

REDSHIFT or DOPPLER EFFECT ✓

10: Using spectral redshifts, it was determined that there is a simple proportionality constant relating the distance to a galaxy and its velocity. Name this constant that can be used to determine the age of the universe.

HUBBLE'S CONSTANT ✓

10: Another clue about the Big Bang is the existence of a residual buzz called the cosmic background radiation. To the nearest degree Kelvin, what is the temperature of the leftover static from the Big Bang?

THREE Kelvin ✓

5: Finally, the background radiation at 3 Kelvin is located in what part of the electromagnetic spectrum.

MICROWAVE

[30pts]

(15) I give you a film, you give me the director, 5pts each and a 5pt bonus for all 5

Intolerance

DW Griffith ✓

Nana

Renoir (JEAN) ✓

Modern Times

Chaplin (CHARLIE) ✓

La Strada

Fellini (FEDERICO) ✓

All Quiet on the Western

Front

~~Goldwyn~~

MILESTONE (LEWIS)

[30pts]

(16) Literature beginning with "A", you give the writer, 5pts each and a 5pt bonus for all 5

Almayer's Folly

Conrad (JOSEPH) ✓

Astrophel and Stella

Sidney (SIR PHILLIP) ✓

Adam Bede

Eliot (George) ✓

Anna Christie

O'Neill (EUGENE) ✓

Areopagitica

Milton (JOHN) ✓

[30pts]

(17) Painting beginning with "S", you give the painter, 5pts each and a 5pt bonus for all 5

The Scream

Munch (EDVARD) ✓

Salisbury Cathedral

Constable (JOHN) ✓

The Shrimp Girl

Hogarth (WILLIAM) ✓

Sunflowers

Van Gogh (VINCENT) ✓

Saint Jerome in his Study

Durer (ALBRECHT) ✓

[30pts]

(18) For 5pts each and a 10pt bonus for all 4, identify the following religious founders

He founded the Jainist movement

Mahavira ✓

He founded the Sikh religion

Guru Nanak ✓

He founded the Jehovah's Witnesses

Charles Russell ✓

He founded the Jesuits

Loyola (ST. IGNATIUS OF) ✓

[30pts]

(19) Put the following events from early US history into chronological order from earliest to latest, each correct match in to the correct spot is 5pts

the events: the Land Ordinance, the Northwest Ordinance, the Jay Treaty, the Molasses Act, the Stamp Act and the Townshend Acts

answer: 1 the Molasses Act (1733)
2 the Stamp Act (1765)
3 the Townshend Acts (1767) ✓
4 the Land Ordinance (1785) ✓
5 the NW Ordinance (1787)
6 the Jay Treaty (1794)

[30pts]

(20) Identify the following man of letters, 30-20-10-5

30pts- He was nicknamed "The Great Cham of Literature", a title given to him because of his position as foremost literary critic of his day. He is famous for his commentaries on Shakespeare and for his refutation of prevailing Aristotelian literary theory

20pts- He wrote one tragedy, *Irene*, as well as periodical essays such as *The Rambler* and *The Idler*, as well as the poems "London" and "The Vanity of Human Wishes"

10pts- His best known work is frequently compared to *Candide* not only because they were written in the same year but because they were both philosophical romances. His concerned an Ethiopian prince named Rasselas

5pts- The work which codified his reputation as a scholar was his 1755 *A Dictionary of the English Language* answer: Samuel Johnson