

Terrapin Invitational Tournament 1994
Toss-ups by Lord Jim Dendy

1. It is comprised of In the Beginning, The Thing Happens, The Tragedy of an Elderly Gentleman, As Far as Thought Can Reach, and The Gospel of the Brothers Barnabas. For 10 points what is this play in five parts by George Bernard Shaw that is subtitled "A Metabiological Pentateuch".

Answer: Back to Methuselah

2. A pioneer in the study of physical anthropology, he founded the Anthropological Society of Paris in 1859, the Revue d'Anthropologie in 1872, and the School of Anthropology in Paris in 1876. A surgeon and pathologist, this lifetime member of the French Senate is now remembered for his research on aphasia. For 10 points, identify this man whose name is linked with the speech center in the brain which bears his name.

Answer: Paul Broca

3. He was a member of the Royal Society and received its Copley medal in 1866 though his lifelong profession was that of Brewer. In 1846, he discovered the phenomenon of magnetostriction, whereby an iron bar changes its length when magnetized, but is more known for his work in thermodynamics. For 10 points, identify this man who while on his honeymoon measured the heat generated by the kinetic energy of the falling water, furthering his studies of the mechanical equivalent of heat.

Answer: James Prescott Joule

4. His name was Egyptian for "he whom Ra has given". He was an official of the pharaoh and captain of the guard who purchased from some Midianite merchants a man who had been sold into slavery by his brothers. For 10 points, identify this Biblical figure who had his talented servant Joseph thrown in prison because of false accusations by his wife.

Answer: Potiphar

5. After the civil war, he declined a position in the Egyptian army and the offer of a US marshallship by US Grant, instead, going into the insurance business. For 10 points, identify this dapper, flamboyant Confederate officer who was immortalized for his attack on Cemetery Ridge on July 3, 1863.

Answer: General George Edward Pickett

6. It is comprised of parenchyma, schlerenchyma, and tracheids, long thin dead cells with closed ends and lignified walls that allow passage of sap through pits at the ends of the cells. For 10 points what is this plant vascular tissue that is used to translocate water and other nutrients from the roots to the stems and leaves?

Answer: xylem

7. From 1422 to 1424, he was employed at the court of John of Bavaria, Xount of Holland. In 1425 was made court painter and

valet de chambre to Duke Philip the Good of Burgundy, for whom he undertook several secret missions, including the one that resulted in Philip's marriage to Isabella of Portugal. For 10 points, identify this artist whose twenty panel triptych in the Church of St. Bavo is known as the Ghent Altarpiece.

Answer: Jan van Eyck

8. This play, along with Little Eyolf, John Gabriel Borkman, and When We Dead Awaken, is part of a series of four symbolic plays with which Henryk Ibsen ended his dramatic career. It centers on the character of Halvard Solness who is threatened by the young draftsman Ragnar Brovik. For 10 points, what is this work centered on an aging architect?

Answer: The Master Builder

9. In his 1946 election to the US House, he defeated Jerry Voorhis after accusing him of dangerous left-wing tendencies. In 1950, he ran for the Senate against Helen Gahagan Douglas, against whom he leveled charges not unlike those he used to defeat Voorhis. For 10 points, identify this man who two years later was nominated by the Republican party as its vice-presidential candidate.

Answer: Richard M. Nixon

10. Known to the Romans as the Albis, this river marked the limit of the Roman's furthest advance in Germany in 9 BC. At Torgau on this waterway Soviet and US forces met toward the close of World War II. For 10 points, identify this river that for many years served as part of the border between East and West Germany.

Answer: Elbe

11. After undergoing psychoanalysis at age 17 he suffered from prolonged bouts of boredom which he occasionally attempted to relieve by playing Russian roulette with a revolver. He worked for four years at the London Times before the successful publication of his first novel, The Man Within, in 1929. For 10 points, identify this man who worked for the British foreign office in West Africa in the 1940s, the author of The Potting Shed, The End of the Affair, Brighton Rock and The Power and the Glory.

Answer: Graham Greene

12. When first isolated as a condensate of the whale oil pumped in to London it was named "bacarburet of hydrogen" by Michael Faraday. In 1845 it was obtained by A.W. Hoffman who produced it from coal tar. For 10 points, identify this planar, hexagonal molecule of formula C_6H_6 that had its structure deduced by German chemist August Kekule in 1865.

Answer: benzene

13. It resulted following the indictment of several socialist party members who were opposed to World War I as a "capitalist conflict". For 10 points, identify this 1919 case that upheld the convictions of those socialists on the grounds that their

pamphlets posed a "clear and present danger" to the security of the United States.

Answer: Schenck v. US

14. They have powerful claws for digging and their backs are covered with stiff spines and long coarse hairs. Their toothless mouths have a glutinous tongue suitable for catching ants and other small insects. The only mate about once a year, when the female lays one or possibly two eggs after a gestation period of 27 to 28 days. For 10 points, identify these creatures which make up two of the three existing genera of the order monotremata.

Answer: echidna or spiny anteater

15. Over a period of forty years, he wrote three symphonies. The second, written between 1907 and 1908 is by far the longest, most sumptuously romantic, and most popular. He studied in Moscow with Nikolay Zverev in the 1880s and began composing with an Elegaic Trio in memory of Tchaikovsky and the orchestral fantasy, The Rock. For 10 points, identify this Russian composer whose other works include the short operas The Miserly Knight, Symphonic Dances, and the symphonic poem, The Isle of the Dead.

Answer: Sergei Rachmaninoff

16. In Spenser's Fairie Queen, this monster, along with Cerberus was a parent of the Blatant Beast, the evil monster of the poem. In Paradise Lost, it was placed in hell and in Greek mythology the lion-headed, goat-bodied, dragon-tailed offspring of Typhon and Echidna. For 10 points, what is this creature, slain by the hero Bellerophon?

Answer: Chimaera

17. He was born in 1561 and among his lesser known works as De Speinta Veterum, the Wisedome of the Ancients and among his professional works as a lawyer are A Collection of Some Pricipall Rules and Maxximes of the Common Lawes and A Reading on the Statute of Uses. For 10 points, identify this English philosopher and statesman the author of The Advancement of Learning and The New Atlantis.

Answer: Francis Bacon

18. As the continents evolved toward their present form, this body of water narrowed, leaving only the present Mediterranean Sea. For 10 points, identify this primeval sea that lay between the supercontinents of Gondwanaland and Laurasia.

Answer: Tethys

19. By an 1842 treaty, most of them were removed west of the Mississippi. They only became a separate tribe around 1725 when a group of Creeks were forced to flee into the Everglades. For 10 points, identify this indian tribe whose best known leader was Osceola.

Answer: Seminoles

20. As an undergraduate at Yale he published Five Men and Pompey and in 1921 published his first novel, The Beginning of Wisdom, at the same time he accepted a fellowship at the Sorbonne. For 10 points, identify this author who upon his return to the US published such works as The Ballad of William Sycamore, Tiger Joy, and the Pulitzer Prize-winning John Brown's Body.

Answer: Stephen Vincent Benet

21. It is narrated by the owner of a Wall Street Law Office who is saddled with an employee who withdraws more and more into himself until he dies in prison, refusing even to eat. For 10 points, identify this 1853 story that appeared in Putnam's Magazine that was later collected in the Piazza Tales.

Answer: Bartleby the Scrivener

22. It was in this constellation that German astronomer and Protestant minister David Fabricius discovered the first variable star. For 10 points, identify this constellation that contains the spiral galaxy M77, the stars Epsilon Eridani and Kaffaljidhma, as well as its best known star Mira.

Answer: Cetus

23. It had already been shown that Cathode rays could be deflected by a magnetic field when in 1897, this man showed that they could also be deflected by an electric field - demonstrating in essence that they were a stream of negatively charged particles. For 10 points, identify this man who nine years later was awarded the Nobel physics prize for his discovery of the electron.

Answer: Sir Joseph John Thomson

24. One of the practical applications of this law is to select the mixture of gases used by divers and astronauts. And it can be illustrated by the pressure increase induced in a container of dry air by the vapor pressure of water added. For 10 points what is this law that states the pressure exerted by a gaseous mixture is equal to the sum of the partial pressures of its compounds.

Answer: Dalton's Law of Partial Pressures

25. He was one of the first sculptors to use plaster models to form his marble sculptures which he called "concretions". For 10 points, identify this dada artist and sculptor also associated with the Blue Rider whose work during the 1915-1916 period consisted of angularly patterned totally abstract tapestries and drawings.

Answer: Jean Arp

26. They are members of the family Accipitridae and are divided into four sub-groups: sea and ship, serpent, harpies, and the booted or true form. For 10 points, identify this group of 55 species of birds that adorned the emblems of the empire of Belshazzar, Charlemagne, Napoleon, the Caesars, and the Russian czars.

Answer: eagle

27. It is named for the man who discovered it in 1840 and varies from having water to a depth of 2 to 4 meters in times of heavy rains to a muddy waste in dry years. For 10 points, what is this 3600 square mile shallow, saline lake in central South Australia, the lowest point in Australia.

Answer: Lake Eyre

28. On June 26, 363, he sustained a mortal wound in a battle with the Persians and was succeeded by Jovian, who had served as the captain of his imperial guard. For 10 points, identify this last polytheistic Roman emperor who attempted to organize a pagan church and substitute it for Christianity - an attempt which earned him his famous nickname.

Answer: Julian the Apostate

29. After working from 1888 to 1908 for his family's engineering firm, he was elected to Parliament from the Bewdley district of Worcestershire. After achieving ministerial rank as Chancellor of the Exchequer under Andrew Bonar Law, he negotiated a 1923 agreement with the US on the repayment of war debts. For 10 points, identify this man who in 1923 succeeded Bonar Law who served as Conservative Prime Minister from 1924 to 1929 after a brief interlude with a Labour government.

Answer: Stanley Baldwin, Earl Baldwin of Bewdley

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Bonus Questions by Lord Jim Dendy

1. (30 points) Identify the following paintings with military themes given a description for 10 points, given the artist who painted them for 5 points.

1. 10 pts: This picture shows a veteran ship past her glory days at the battle of Trafalgar being towed out to be sunk.

5 pts: JMW Turner

Answer: The Fighting Temeraire

2. 10 pts: To the left of this 1937 cubist painting, there is the head of a bull as well as three sideways human heads. In the center overhead are lights and lamps.

5 pts: Pablo Picasso

Answer: Guernica

3. 10 pts: Against a cloudy skyline, British commander breaths his last in the arms of three of his compatriots and surrounded by a group of onlookers including an Indian ally.

5 pts: Benjamin West

Answer: The Death of Wolfe or The Death of General Wolfe

2. (30 points) For 15 points each, identify the following spectroscopic techniques from chemistry from brief descriptions.

1. This technique mostly uses proton and carbon 13 atoms to measure the radiation absorbance when the atoms are placed in a static magnetic field.

Answer: NMR or nuclear magnetic resonance

2. This form of spectroscopy is used in organic chemistry primarily to determine the functional groups present in a compound. It uses electromagnetic absorbance by the bonds of the compounds and among its major characteristic bands are a wide -OH band and a steep but narrow band for carbonyl groups.

Answer: infrared or IR spectroscopy

3. (30 points) Answer the following historical and geographical questions about East Prussia for the stated number of points.

1. For 10 points, in 1226, Conrad of Masovia appealed to what group to help drive the Prussi out of the area of East Prussia?

Answer: Teutonic Knights

2. For 5 points each, what two nations partitioned East Prussia following World War II?

Answer: Poland and Soviet Union or USSR

3. For 10 points, what nation now incorporates the narrow strip of East Prussia known as Memel?

Answer: Lithuania

4. (30 points) The late 19th and early 20th century gave rise to several varying schools of American philosophy each of which gave a different name to its thought. For 10 points, each, identify the philosopher associated with the following.

1. This philosopher coined the term pragmatism in 1878 to describe his work.

Answer: C.S. Pierce

2. Later in life, Pierce was concerned about the appropriation of

his term by what American philosopher and author of *The Varieties of Religious Experience*?

Answer: William James

8. Though he often characterized his work as naturalism, this American frequently referred to his philosophy as Instrumentalism.

Answer: John Dewey

5. (30 points) It's time for the name game again. This time you will have to combine two titles from literature or the arts. 10 points for each correct answer.

1. Take the Hemingway novel featuring Catherine Barclay and Frederic Henry and add it to a play by George Bernard Shaw.

Answer: A Farewell to Arms and the Man

2. Combine the short story collection that won James Michener a Pulitzer Prize with a musical work by Arthur Honneger about a train.

Answer: Tales of the South Pacific 231

3. Add a novel by Umberto Eco to the title of a Tennessee Williams play set in a Sicilian community on the Gulf Coast.

Answer: The Name of the Rose Tatoo

6. (30 points) For 10 points each, answer the following questions about southeast Asian geography.

1. In what body of water were the US Navy ships Maddox and C. Turner Joy attacked in 1964?

Answer: Gulf of Tonkin

2. The Gulf of Tonkin is a branch of what larger body of water bounded to the south and east by the Philippines and Malaysia?

Answer: South China Sea

3. What Chinese island lies to the east of the Gulf of Tonkin, acting as a boundary between the gulf and the South China Sea?

Answer: Hainan

7. (30 points) The submarine played a major and almost decisive role in World War II. However, their development began much earlier. Answer the following questions about the history of the submarine for 10 points each.

1. What name was given to David Bushnell's submarine, the first used in warfare in 1776.

Answer: Turtle

2. What name was given to the submarine Robert Fulton built in France in the year 1800?

Answer: Nautilus

3. What Confederate submarine was used in 1864 and sank several Union ships?

Answer: Hunley

8. (30 points) Music has its Three Bs, but not to be left out, the science of genetics has its Three Ms who each made major contributions to the field. Identify these members of the Big Three on a 5-10-15 basis.

1. 5 pts: This Augustinian discovered the law of segregation.

Answer: Gregor Mendel

2. 10 pts: This American geneticist wrote The Theory of the Gene in 1926 and won the 1933 Nobel Prize in medicine and physiology.

Answer: Thomas Hunt Morgan

3. 15 pts: This genetic researcher published work on mobile genetic elements in the 1940s and 1950s but its significance was not appreciated until much later, earning the 1983 Nobel prize in medicine.

Answer: Barbara McClintock

9. (30 points) For 15 points each, identify the following French plays from brief descriptions. You can still earn 10 points by identifying them from another clue about an identically titled work.

1. 15 pts: It is a 1670 play by Jean Racine in which the Roman emperor Titus attempts to marry the Queen of Palestine, the title character.

10 pts: It is an 1835 tale by Edgar Allan Poe in which Egaeus is fascinated by the dead title character's teeth.

Answer: Berenice

2. 15 pts: It is a 1942 allegory of censorship in France under the Vichy government by Jean Anouilh.

10 pts: It is one of the earliest extant plays of Sophocles and is set after the defeat of the expedition of the Seven Against Thebes.

Answer: Antigone

10. (30 points) For 15 points each, answer the following questions about science in the year 1892.

1. In this year, the last satellite to be discovered without photography was discovered by American astronomer Edward Emerson Barnard and called Jupiter V. For 15 points, identify this satellite.

Answer: Amalthea

2. For 5 years, the results of the Michelson-Morley experiment had confused scientists. In 1892, this Irish physicist offered an explanation stating that distances contract with speed. Three years later, Hendrik Lorentz came to the same conclusion and expanded it to include mass. For 15 points, identify this physicist.

Answer: George Francis Fitzgerald

11. (30 points) In his Fable for Critics, James Russell Lowell characterized many of his contemporaries with short rhymes. Given a quote from Lowell's verse satire, identify the writer to which he was referring for 10 points. You will earn 5 points if you need a work by the author.

1. 10 pts: "A Greek head on Yankee shoulders".

5 pts: "The American Scholar"

Answer: Ralph Waldo Emerson

2. 10 pts: "He has drawn you one character, though, that is new... He has done naught but copy it ill ever since"

5 pts: The Redskins

Answer: James Fenimore Cooper

3. 10 pts: "She always keeps asking if I don't observe a

particular likeness 'twixt her and Minerva."

5 pts: Woman in the Nineteenth Century

Answer: Margaret Fuller

12. (30 points) Identify these Oscar winning directors from their films after one set for 10 points after two sets for 5 points.

1. 10 pts: The Great Gatsby, Finian's Rainbow

5 pts: The Godfather

Answer: Francis Ford Coppola

2. 10 pts: In Which We Serve, Great Expectations, and Oliver Twist

5 pts: The Bridge on the River Kwai, Doctor Zhivago

Answer: David Lean

3. 10 pts: A Letter to Three Wives

5 pts: All About Eve

Answer: Joseph Mankiewicz

13. (30 points) Identify these Biblical locales for 10 points each.

1. The scene of a contest between Elijah and the 450 prophets of Baal and the four hundred prophets of Asherah.

Answer: Mt. Carmel

2. In the Genesis table of nations this region's boundaries were from Sidon to Gerar near Gaza and eastward as far as Sodom, Gemorrah, Admah and Zoboii to Lasha. It was later fragmented and the pieces fell to Joshua as reported in Joshua chapters 9 and 10.

Answer: Canaan

3. This city of the Chaldeans is mentioned four times in the Bible, always as the home of the patriarch Abraham before his migration to Canaan.

Answer: Ur

14. (30 points) Identify these US States from historical clues after one clue for 10 points, after two clues for 5 points.

1. 10 pts: In 1906, this state's governor Frank Steunenberg was killed by a deranged miner and Big Bill Haywood was indicted for plotting the murder.

5 pts: It was admitted in 1890 as the 43rd state.

Answer: Idaho

2. 10 pts: It was in this state in 1854 that the Republican party was founded.

5 pts: Its favorite son ran for president on the Progressive ticket in 1924.

Answer: Wisconsin

2. 10 pts: The 1864 Sand Creek massacre took place in the territory of this state.

5 pts: In 1858, gold was discovered at Cherry Creek near its capital.

Answer: Colorado

15. (30 points) 30-20-10 Identify this British monarch.

1. During this monarch's reign, Hereward the Wake raised a revolt that became the subject of Charles Kingsley's last completed

novel.

2. He died while campaigning against Philip I of France and is buried in St. Stephen's Church at Caen.

3. In 1035 he succeeded his father Robert as Duke of Normandy.

Answer: William I or William the Conqueror

16. (30 points) Thirteen can be your lucky number if you can identify the authors of these literary works involving the number thirteen for 10 points each. Hint: they are all 20th century American authors.

1. These Thirteen

Answer: William Faulkner

2. Thirteen Ways of Looking at a Blackbird

Answer: Wallace Stevens

3. Three Stories and Ten Poems

Answer: Ernest Hemingway

17. (30 points) 30-20-10 Identify this mythological figure.

1. At his birth, it was foretold that if he lived it would bring disaster. He was to be exposed but was found by shepherds and raised by them on Mount Ida.

2. He fell in love with the nymph Oenone but later abandoned her.

3. The son of Priam and Hecuba, he started the Trojan war by stealing Helen, the wife of Menelaus.

Answer: Paris

18. (30 points) If you can tell me the composer's mind from which the following musical works came you will earn 15 points. If you need a second clue you will only get 10 points and a 5 points

1. 15 pts: "From Bohemia's Woods and Fields"

10 pts: From Bohemia's Woods and Fields is the fourth part of his symphonic Ma Vlast.

5 pts: His best known work is "The Bartered Bride"

Answer: Bedrich Smetana

2. 15 pts: From the Bavarian Highlands

10 pts: He also composed The Dream of Gerontius.

5 pts: He is most famous as the composer of Pomp and Circumstances.

Answer: Edward Elgar

19. (30 points) For 15 points each, identify the scientists who made the following hypotheses or discoveries.

1. In 1815, this English chemist built on Dalton's atomic theory, suggesting that hydrogen was the building block of all other elements.

Answer: William Prout

2. This German physicist labeled the more prominent of the nearly 600 lines he discovered in the solar spectrum with the letters A to K.

Answer: Joseph von Fraunhofer

20. The 1917 production of the Ballet Parade by Serghei Diaghilev's Ballets Russe involved not only this famous choreographer and his dancers but three other famous men as well.

The person who devised the scenario, the composer of the music, and the set and costume designer. Identify these men for the stated number of points.

1. For 5 points, the sets and costumes were designed by what painter of Les Damoiselles d'Avignon.

Answer: Pablo Picasso

2. For 10 points, the ballet's scenario was created by what author of the play, The Infernal Machine.

Answer: Jean Cocteau

3. For 15 points, what man, the leader but not a member of Les Six composed the music to "Parade".

Answer: Erik Satie

21. (30 points) 30-20-10 Identify this composer from works.

1. 5 puppet operas including Baucis and Philemon and Dido.

2. The oratorios The Creation and The Seasons.

3. The Military and Surprise Symphonies.

Answer: Franz Josef Haydn

22. (30 points) 30-20-10 Identify this American author.

1. His first three volumes of sketches were published in London under the pen name "Dod Grile" and included The Fiend's Delight, Cobwebs from an Empty Skull, and Nuggets and Dust.

2. In 1891 his famous collection Tales of Soldiers and Civilians appeared.

3. In that collection is the story "An Occurrence at Owl Creek Bridge".

Answer: Ambrose Bierce

23. (30 points) 30-20-10 Identify this reformer.

1. The most complete statement of his doctrines were laid out in his Book of the New Moral World, which he published in seven parts between 1826 and 1844.

2. In 1833, he helped found the first British trade union, an endeavor which soon failed.

3. Born in 1771 in Newtown, Wales he bought a factory in New Lanarck, Scotland in 1779 and later founded New Harmony, Indiana.

Answer: Robert Owen