

Benedictas Mikulis Memorial Singles

Round 8

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1. A subgroup of a group G generated by applying this operation to elements of G is the smallest unique normal subgroup of G such that the quotient of G by that group is Abelian. This operation is used to define the adjoint representation and its anti version is used to define the Jordan product. The Jacobi identity that is obeyed by Lie algebras such as Poisson brackets is expressible in terms of this operation, while in physical systems, as a consequence of Ehrenfest's theorem an operator's expectation value is time-independent if this operation applied to that operator and the Hamiltonian is zero. Famously giving i times \hbar when applied to position and momentum, for ten points, identify this operation which for two operators A and B is given by A times B minus B times A .

Answer: **commutator** or **commutation** relation

2. In its third section, consisting of rhyming couplets, the poet writes "In the nightmare of the dark/ all the dogs of Europe bark/ and the living nations wait/ each sequestered in their hate." Noting that the man to whom it is dedicated was "silly like us," this work also makes the observation that that man's "mad" homeland "hurt [him] into poetry" and that this homeland "has her madness and her weather still." The titular writer is described as being "scattered among a hundred cities" and his death is said to have occurred when "the provinces of his body revolted," while one of the couplets of the third part asks to "let the Irish vessel lie, emptied of its poetry." Beginning with the lines "He disappeared in the dead of winter; the brooks were frozen, the airports almost deserted," for ten points, identify this elegy for an Irish poet written by W.H. Auden.

Answer: **In Memory of W.B. Yeats**

3. Late in life, this man's expansionist strategy was stopped by the state of Karamania at a battle on the plains of Konya. He won an important battle at Chernomen on the Maritsa River, and he was temporarily checked by a military campaign launched by Amadeus VI of Savoy, while his other important conquests included the capture of the cities of Sofia and Nis [pron: neesh]. Shortly after assuming the throne, he forced John V Paleologus to become a vassal, and it was under him that Adrianople was renamed Edirne. He developed the "New Troops," or the "Yeni Cheri" first introduced by his father into a formidable fighting force, and it is conjectured that he may have been killed by Milos Obravitch, who may have been trying to prove his loyalty to Prince Lazar. The father of Bayezid the Thunderbolt, for ten points, identify this Ottoman sultan, who was killed at the site of his army's triumph on the Field of Blackbirds at the Battle of Kosovo.

Answer: **Murad I**

4. This man's innovations included being the first to address Zeus by his name, the first to discover that men had both fathers and mothers, and the first to invent monogamy. In one story about a virginal goddess, she is said to have kept her virginity but nevertheless borne a child, which she entrusted to this man's daughters. Those daughters, the Aglauridies, were sometimes conflated with the Moirai, though a more famous story

about them involves their care for the infant Erichthonius, who went on to become the king of the city this man had founded. With that foundation occurring after he had judged the gift of the olive tree to be superior to Poseidon's gift of a horse and a salt spring, for ten points, identify this founder of Athens so named because he was half-man and half snake.

Answer: Cecrops or Kekrops

5. In 1898, this man became the first psychologist to address narcissism in a published work, and in Nathanael West's *Miss Lonelyhearts*, the title character and a friend at one point disguise themselves as Richard Kraft-Ebbing and this man. His literary labors included the editorship of the "Mermaid Series of Old Dramatists," and he claimed that "It has always been difficult for Man to realise that his life is all an art," in *The Dance of Life* but he is more famous for editing the "Contemporary Science Series" which included his first book, *The Criminal*. This man's most famous work had its genesis in the research done for his 1894 book, *Man and Woman*, while he supported eugenics in his *The Task of Social Hygiene* and wrote the clinical text on homosexuality, *Sexual Inversion*. For ten points, identify this pioneering British psychologist whose studies on human sexuality were published in his most famous work, *Studies in the Psychology of Sex*.

Answer: Henry Havelock Ellis

6. In astrophysics, this name refers to a relationship which can be derived from the Lagrange identity, and which is responsible for the fact that the entropy and energy of a gravitationally bound ball of gas decrease as its size decreases. In statistical mechanics, this term refers to an expansion of the pressure in powers of the number density with temperature-dependent coefficients. The most famous expression of this name is derived by writing the time derivative of the action as the sum over all p times $r\text{-dot}$ plus $r\text{-dot}$ time p , and, recognizing that sum over p times $r\text{-dot}$ equals minus the sum over $p\text{-dot}$ times r , identifying the two sides as potential and kinetic energies. For ten points, identify the shared name given to all these expressions, the last of which famously states that the time-average of the kinetic energy is minus one-half the time-average of the potential energy.

Answer: virial

7. This individual's writings include an autobiography called *My Double Life*, and a novel entitled *Little Idol* and one famous depiction of this individual is a photograph by Gaspard Felix Tournachon, better known as Nadar. Georges Clairin is best remembered for his paintings of this person, whom he depicted as Melisande, and Antonio de la Gandara depicted this person in Edmund Rostand's *L'Aiglon*. Jules Bastien-Lepage's painting of this person won him the Cross of the Legion of Honor, while Toulouse-Lautrec created a lithograph of this person as the titular heroine in Racine's *Phaedre*. Famously depicted as the subject of such illustrations as the poster for *Gismonda*, drawn by Alphonse Mucha, for ten points, identify this French actress of the 19th and early 20th centuries, who was famous for her roles in the plays of Victor Hugo and for being one of the first women to play Hamlet.

Answer: Sarah Bernhardt or Henriette-Rosine Bernard

8. Among the late works produced by one of the adherents of this movement is a collection of poems entitled *The Inner Failure*, while a novel written by another adherent concerns a man whose who receives the titular object for his services. In addition to *The Old Man and the Medal*, this movement also produced a volume of poetry entitled *On the Edges of Evening*, as well another volume of poetry entitled *Return to My Native Land*, in which this movement's name was coined. Its poetry also includes the collections *Pounding*, *Lures and Glimmerings*, and its founder's collection *Songs of Shadow*, as well as a novel criticising Catholic missionaries, *The Poor Christ of Bomba*. Taking its inspiration from such writers as Claude McKay, this movement's works appeared in the *Revue du Monde Noir*, and Jean-Paul Sartre's analysis of this literary movement is found in his *Black Orpheus*. Best known for the contributions of such writers as Leon Damas and Aime Cesaire, for ten points, identify this favorite literary movement of Chris Frankel founded by Leopold

Senghor.

Answer: Negritude

9. Though it isn't the American Revolution, it included as part of its objective the capture of Yorktown, defended by Magruder, while other clashes during the four months of its duration include Drewry's Bluff. It involved a change of landing place from Urbana to Fort Monroe, a plan viewed by its instigator as "a certain, though less brilliant movement than that from Urbana," but orders to withhold McDowell's corps to defend Washington removed some 40,000 men from this military undertaking. The Battle of the Seven Pines resulted from the Confederate advance on the Union position on the Chickahominy River, while the major naval battle during this campaign was the famous clash between the *Monitor* and the *Merrimack* at Hampton Roads. Ending with the battles at White Oak Swamp, Glendale, and Malvern Hills, as well as four others that are collectively known as the Seven Days' Battles, for ten points, identify this campaign of the American Civil War, which saw the Army of the Potomac under McClellan advance up the stretch of land bounded by the York and James Rivers.

Answer: Peninsular Campaign

10. A two-time Gold Glove winner, he spent nine seasons in the organization where he won his only MVP award. Traded to the Dodgers with Mudcat Grant for Bob Miller, Ron Perranoski and Johnny Roseboro, he was left unprotected following a disappointing 1968 season and was drafted by the expansion San Diego Padres. He then went from the Padres to the Indians to the new Washington Senators to the Atlanta Braves before ending his career via release from the Braves. This string of transactions came just two years after his finest season, when he lead the American League in doubles, triples, runs and at-bats. Beyond his MVP season, the only time when he received votes in the balloting was 1962, when he somehow received eight points for batting .241 and wielding a .287 on base percentage. Name this Minnesota Twins shortstop who, in one of the flukiest seasons ever, won the 1965 American League MVP.

Answer: Zoilo Casanova Rodriguez Versalles

11. The various sections of this poem repeatedly call for a bass drum to be played, while a grand chorus in the penultimate section calls for "tambourines to the foreground," since the poet had instructed it to be sung to the tune of "The Blood of the Lamb." Among those who turn out for the titular event are "lurching bravoos from the ditches dark," "drug fiends pale," and "unwashed legions with the ways of Death," and the occasion is also marked by the fact that "Every banner that the wide world flies/ Bloomed with glory and transcendent dyes." The "blear review" that follows the title character is all of a sudden "clad in raiment new" and the blind title character regains his sight, losing "the weasel-head, the snout, the jowl." "Sweet flute music" is to be played over the stanza in which Jesus stretches his hands above the passing poor, and the title character kneels "a-weeping" in the titular holy place after stopping "by the curb for prayer" and meeting "his Master." For ten points, identify this poem by Vachel Lindsay about the ascension of the founder of the Salvation Army.

Answer: General William Booth Enters Into Heaven

12. Much of the style of this work, composed at the behest of the Archbishop Absalon, is borrowed from the *Memorabilia* of Valerius Maximus, and its preface, the last part to be written, refers to an expedition to Bremen by a king who "encompassed... the waters of the Elbe." Its first part details the exploits of the lawgiver Skiold, who abolished all manumissions after a freed slave made an attempt on his life, and this work also includes the legal codifications of Frode. Other events which take place in this work include the retelling of the victory of Charles Martel over the Germans and the death of Ragnar Lothbrok in a snake-pit in which "adders found ghastly substance in the fibres of his entrails." In this work, Iceland is described as "a land very squalid to dwell in," but it is more concerned with a different country and ends with the death of that country's king Canute. Written around the turn of the 13th century A.D. and beginning with the

story of the brothers Agnul and Dan, for ten points, identify this chronicle of a certain Scandinavian people composed by Saxo Grammaticus.

Answer: Gesta Danorum or Historia Danica or History of the Danes

13. The opposition of Charles Wetherell to one of them resulted in a riot in which about 500 workers seized a mayor's house guarded by Major Mackworth. John Croker's opposition to the most famous one led to his resignation after its passage, which was greatly aided by a political union organized by Thomas Attwood. The passage of one of these was also accompanied by a Redistribution Act, while a conservative one failed to avert the downfall of the Derby government, and Matthew Arnold referred to the most famous one as the "cardinal point" of "middle class liberalism" in his *Culture and Anarchy*. The one of 1867 was proposed by Disraeli and caused the resignation of Lord Salisbury, in the process halving the voting qualifications, while the one of 1884 created a Commons of 670 members but failed to stop the practice of plural voting. Wellington resigned two years before the passage of the most famous one, which was written by John Russell and whose passage was presided over by Charles Grey, and which attempted to eliminate the problem of rotten boroughs and pocket boroughs. For ten points, give this name shared by the above pieces of British legislation and most famously designating a conglomeration of acts passed in 1832 which extended the franchise to all householders paying a yearly rent of ten pounds.

Answer: Reform Acts or Bills

14. At one point during this novel, the author notes that "Some bastards said, 'The Germans are defeated,' but the smart bastards said, 'we are defeated,'" and the image of the cross of St. Vladimir is repeatedly invoked. This novel features a feverish dream in which one of the titular characters is advised not to sit with a naked ass on a hedgehog as well as the organization of an arsenal in a schoolhouse during which a concealed portrait of Alexander I is uncovered. The city in which this novel is set is never explicitly named but is understood to be Kiev, and it is under siege from the bandit Petlyura, who may or may not exist, while its defenses are mashed in part by Colonels Malyshev and Nai-Turs, members of the titular group. Later adapted for the stage by its author into one of Stalin's favorite plays, *The Days of the Turbins*, for ten points, identify this story of the Aleksei, Nikolay, and Elena Turbin and various members of the titular monarchist military group during the Russian Revolution, written by Mikhail Bulgakov.

Answer: The White Guard or Belaya Gvardiya

15. One of this man's novels begins with a poem about "A scattered race, a wild unfetter'd tribe" and is set in the Beaufort District, reportedly designed by Admiral Coligny of France as a refuge for Huguenots. A collection of his short stories contains one about Joel Sparkman and his sister Grayling, as well as a "legend of the North State" called "The Two Camps," and is entitled "The Wigwam and the Cabin." A verse from the "Rime of the Ancient Mariner" prefaces a moral tale dedicated to his daughter, *Martin Faber*, while the titular "avenger of blood" in his "tale of Alabama" is *Richard Hurd*, who also appears in the sequel to that work, *Border Beagles*. He transposed the story of Othello into America in *Confession* and his nonfiction works include a reply to Harriet Martineau, *Slavery in America*, but he is better known for a history of South Carolina, a biography of Frances Marion, and a "Romance of Carolina" named after an Indian tribe. For ten points, identify this 19th century Southern Regionalist, best remembered for his 1840 work, *The Yemassee*

Answer: William Gilmore Simms

16. Their damage can be assessed by ipsilateral intact conduction in the Weber test, and their phosphoinositide metabolism is affected by gentamycin, kanamycin, and other aminoglycosides. A. J. Hudspeth found that two sinusoids can cause them to produce combination frequencies that distort basilar motion. Their apical ends protrude into the potassium-rich endolymph, and their basal ends allow calcium-mediated potassium efflux to the perilymph. Their kinocilium disappears after birth, and is joined by tip links to

their stereocilia, which are depolarized when the tectorial and basilar membranes move with respect to each other. Allowing volleying of frequencies below 3 kHz, FTP name these cells of the cochlea that detect sound using cilia.

Answer: hair cells

17. One work with this name depicts a tree blocking out the sun while the titular event transpires in the lower half, and was painted in 1602 by Jan Brueghel the Elder. Another work sometimes known by this name represents one of the first examples of foreshortening, as it famously depicts a man being trampled by a horse whose rear is to the viewer, as well as the head of the Gorgon Medusa on the breastplate of one of the participants in the titular event. A more famous work known by this name transplants the action into the 16th century, with the participants in the title event being dressed as European knights, and features a giant sign hung in the sky explaining the action. For ten points, give the shared name of these works, which identifies the giant Hellenistic mosaic found in Pompeii, and the painting of Albrecht Altdorfer, all of which depict the triumph of a Macedonian general over Darius.

Answer: Battle of Issus

18. In the preface to this work's second edition, the author claims to be unmoved from his position and places himself in "direct opposition to the Hegelian philosophy" and on the side of materialism. One chapter in this work claims that "the cosmogonical process is nothing else than the mystic paraphrase of a psychological process," while another claims that "the miraculous act... is not an object of thought for it nullifies the very principle of thought." In a chapter on the contradiction between love and faith, this work cites Luther's claim that "The cardinal wickedness is unbelief," while the alleged failure of this work to conceive of reality as "sensuous human activity, as practice," served as Marx's criticism of it in a set of "Theses" on its author. Considering also the contradictions in the trinity and in the sacraments and claiming that the titular practice is Judaism purified of its national egoism, for ten points, identify this 1841 work that takes an axe to religion, written by Ludwig Feurbach.

Answer: Essence of Christianity or Das Wesens des Christentums

19. The 49th pick in the 1983 NFL Draft, he was drafted behind illuminaries like Billy Smith Ray, Tony Hunter and Don Mosebar. He holds the record for the most points scored by a single player in one Super Bowl with three touchdowns against the Miami Dolphins. He was the first running back to garner 1,000 yards via both rushing and receiving, a feat only equalled by Marshall Faulk in 1999. He spent a year with the then-Los Angeles Raiders and two with the Minnesota Vikings, but he's best known for the eight prior seasons he spent with the team with which he won three Super Bowls, five Pro Bowl selections and the 1988 NFL MVP. Name this San Francisco 49er running back who played alongside Joe Montana and Steve Young.

Answer: Roger Craig

20. At one point, he served simultaneously as foreign minister and in a more famous role, which he was forced to relinquish following a deal with the Free Democrats. He secured a reconciliation treaty following the outrage in his country over the replacement of the High Commissariat for the Saar with a diplomatic mission, and at the insistence of the Free Democrats, this man replaced Franz Josef Strauss with Kai-Uwe von Hassel as defense minister in 1962. The terms of entry of this man's country into the EEC caused a rift between him and his finance minister and eventual successor, Ludwig Erhard, but this man remained chairman of the CDU until his 1967 death, a position he had first assumed in 1949. He was twice removed as mayor of Cologne, first in 1933, and then again in 1945 by the British, but he is more famous for presiding over his country's "economic miracle" and for his advocacy of NATO and containment policies. Resigning months after Kennedy's "Ich bin ein Berliner" speech, for ten points, identify this man who served as West German chancellor from 1949 until 1963.

Answer: Konrad Adenauer

