Minnesota Open V
Packet by the editors (4): Auroni Gupta, Andrew Hart, Gaurav Kandlikar, and Cody Voight

Tossups

1. One character in this novel praises *amor matris* between husband and wife but solemnly holds that "People do not know how dangerous lovesongs can be." A chapter in this novel progresses from a Latinate to an Anglo-Saxon to a Medieval to a Romantic and finally modern prose style, mirroring the nine-month gestation of human birth, in describing a dinner of sardines and beer at the Holles Street maternity and the Gold Cup races. This novel, which uses the word "Chrysostomos" to describe the gold points in the perfect white teeth of one character, contains a (*) telegram reading "Nother dying come home father." In an infamous scene in this novel, Gerty McDowell gradually reveals more of her legs while another character masturbates. It is capped off with the once-longest sentence of the English language, part of a soliloquy ending "yes I said yes I will yes." For 10 points, name this novel about one day in the life of Leopold Bloom, by James Joyce.
ANSWER: *Ulysses*

2. During a debate, this person dodged a question about the Dingell-Norwood bill while an opponent, who was allegedly undergoing "alpha male training," attempted to intimidate this person by standing up. An underling in this leader's state department, Otto Reich, may have attempted to install Pedro Carmona as President of Venezuela. This president was asked to run for the first time by a man who led this person's "Vulcan" group of policy advisers, George (*) Shultz. In the aftermath of this person's first presidential election victory, Barbara Lett-Simmons refused to cast her electoral ballot to protest Washington D.C.'s lack of representation in Congress. This person became president after campaigning as a "compassionate conservative" and earning Katherine Harris's certification that he had won the state of Florida. For 10 points, name this man who was elected president over Al Gore in 2000.
ANSWER: George **W**. **Bush** [or George **Walker Bush**; prompt on **Bush**; accept any sort of "**Bush II**" or "**Bush Jr.**" answer; or **Bush 43**; do not accept "George Herbert Walker Bush" or "Bush Sr." or "Bush 41"]

3. David Hume argued that this concept renders justice an "idle ceremony." One treatise titled for this concept claims that the only legitimate form of it "must necessarily have equality for its condition." The second and longest volume of Blackstone's *Commentaries* deals with rights arising from this concept. A "bundle of sticks" is a common metaphor for the rights stemming from this concept, which arises when a person performs (*) work on nature according to the "labor theory" of John Locke. Another theory of this concept is governed by "first in time, first in right." For 10 points, Pierre-Joseph Proudhon equated theft with what concept that denotes physical or intangible things owned by people?
ANSWER: **property** [accept **ownership** or equivalents before "owned"]

4. Criteria for a standard definition of these entities was put forth in the Snowmass accord. The most well-known model of the production of these entities is the Lund string model. Plotting the transverse momentum or energy versus azimuthal angle and pseudorapidity in lego plots is a common way to visualize them. Two effects that can modify these entities are pileup and underlying event. Their identification can be complicated by the presence of dark towers. Their detection is usually done by using arrays of (*) scintillators, which function as calorimeters. The first algorithm for defining them was devised by Sterman and Weinberg and, unlike the SISCone cone-type algorithm, was not infrared and collinear-safe. For 10 points, identify these narrow, collimated "sprays" of hadrons that are the experimental signatures of quarks and gluons.
ANSWER: particle **jet**s

5. Following this event, one participant indicated that he would have liked to see how a family could subsist on an income of 600 pounds. One side in this event attempted to prevent an object from being sold at three and six. Leading up to it, another participant had a stack of paintings ransacked for any traces of pubic hair and was forced to remove thirteen pages from *Pansies*. Raymond Williams and Helen Gardner testified at this event. A right of challenge to involve a third female (*) juror was invoked by Gerald Gardiner, the opponent in this event of Reginald Manningham-Buller, who began by cataloging all instances of the words "cock," "shit," "cunt," and "fuck." The central criterion in this event was whether fourteen-year-old girls, wives, and servants could handle the moral depravity of a certain work. For 10 points, name this 1960 obscenity trial, which allowed Penguin Books to continue publishing a D.H. Lawrence novel about a woman's affair with her gamekeeper.
ANSWER: *Lady **Chatterley**'s Lover* obscenity **trial** [or *Chatterley* affair/brouhaha/thing/whatever; prompt on D.H. **Lawrence** trial/event/thing/whatever]

6. The second section of this work examines groups such as the "inordinately selfish," the "ambitious facing unlimited opportunities," the "bored," minorities, misfits, and the poor. Its third section discusses united action brought on by a belief in doctrine, "things which are not," and make-believe that leads to self-sacrifice. This book examines phenomena in their "active phase," in which they are molded and dominated by the title figure. This magnum opus of the "longshoreman philosopher" praises five leaders: Gandhi, FDR, Churchill, Nehru, and Lincoln. The title subject of this work is dissatisfied with the present and prone to failure, which leads to reliance on (*) interchangeable ideologies such as Christianity, communism, and fascism. For 10 points, name this book that examines "Thoughts on the Nature of Mass Movements" and attempts to explain fanaticism, written by Eric Hoffer.
ANSWER: The **True Believer**: Thoughts on the Nature of Mass Movements

7. One of these works of art includes a train with coaches for mail, ladies only, smoking, non-smoking, and chapel. One of these works of art contains two red crosses commemorating the dedicatee's mother's service in the Red Cross. One of these artworks functions as a clock that contains a stationary bottom part with a diamond hour-hand shaped like a bow and arrow and a mobile top part adorned with lilies that spins to tell the time. The largest of these artworks contains a scale depiction of the Cathedral of the Assumption topped with an enormous gold dome, sits on a white onyx plinth, and plays the "Cherubim hymn." These works, some of which were made for the (*) Kelch family, contain a "surprise," which was often a miniature portrait or a mechanical animal inside. For 10 points, name these Easter gifts given to the Russian czars by a namesake family of jewelers.
ANSWER: **Faberge egg**s [prompt on partial answer; prompt on **Romanov/Russian/Easter eggs**; accept **Yaitso Faberzhe**]

8. Raymond Pearl is considered to be the father of the study of this process, and he developed a theory that explains this process as a consequence of populations lacking genetic variation to further respond to selection against it. A more widely accepted hypothesis explains this process as a natural consequence of the trade-off between investment in reproduction and repair. The antagonistic pleiotropy hypothesis suggests that this process occurs due to a pleiotropic mutation that confers an (*) early advantage to an organism's fitness. This process, which is the subject of the mutation-accumulation hypothesis, most likely occurs as cells reach their Hayflick limit due to telomere shortening. For 10 points, name this process in which an individual's fertility and probability of survival decreases in late life.
ANSWER: **aging** [or **senescence**; accept synonyms like growing **old**; prompt on **life spans** or synonyms]

9. The "ceiling rule" of one provision in this statute governs the situation in which "boot" arises. One provision in this statute kicks in in situations of "detached and disinterested generosity." The prototypical "non-recognition provision" within this statute is the like-kind exchange. This statute allows people to reduce their AGI through certain "above-the-line" (*) adjustments. Title 26 of the U.S.C. contains this statute, whose 501(c)(3) provision is a carve-out for non-profit organizations. This statute, which was last amended in 1986, partitions the populace into income brackets. For 10 points, name this federal statute that is administered by the IRS.
ANSWER: the United States **tax code** [or **Internal Revenue Code** of 1986; or **I.R.C.**; or **tax** statute]

10. This writer's longest work, which is mostly lost, is the generically named *Historia*, which was meant as a continuation of the annals of Sisenna. A quote by Cassius Severus claims that this person's "speeches are read only as a foil to [this writer's] histories." One of this person's works describes Sempronia and relates many speeches by Cato and Caesar, the latter of which are admired for their style and usually introduced with the phrase "thus he spoke in this following manner." In another work, this historian documented the campaign of Metellus and the rivals (*) Marius and Sulla. This historian amassed hoards of wealth as the corrupt governor of Africa Nova, money that he used to construct an elaborate sculpture garden on the Quirinal hill that contained the *Dying Gaul*. For 10 points, name this Roman historian of *The Jugurthine War* who described a conspiracy against Caesar in *The Catiline War*.
ANSWER: **Sallust** [or Gaius **Sallustius** Crispis]

11. In a relief sculpture, one of these structures occupies the far left of an alabaster disk, next to a plant stand into which libations are being poured. The weeper holes in another of these structures served as drainage points for the planting of a grove of sacred trees, according to its excavator, Sir Leonard Woolley. One of these structures, which were frequently constructed in accordance to the "bent-axis plan," served as the base for the White Temple; another was painted with seven different colors, one for each (*) story. Herodotus suggested that women would sleep on a golden couch at the top of these structures waiting for a god to come and rest in his shrine, but none of the shrines have survived. Examples of these structures include the aforementioned Marduk one and the "great" one at Ur. For 10 points, name these Mesopotamian step-pyramids, which may include the Biblical Tower of Babel.
ANSWER: **ziggurat**s

12. In Apicomplexa, this characteristic is exhibited by schizont organisms, whereas the subsequent merozitic organisms lack this property. Organisms whose cells generally display this characteristic include *Tetrahymena*, which have distinct somatic and germline structures within each cell. One type of this characteristic is exhibited by coenocytes ("see-no-cytes"). Cells with this property are formed in fungi when hyphae of two individuals fuse together but fail to undergo (*) karyogamy. This condition can arise when cells fuse together, as is the case with syncytia, or when a cell undergoes mitosis but does not undergo cytokinesis. For 10 points, name this property of cells that have more than one copy of the organelle that holds most of a eukaryotic cell's genetic information.
ANSWER: **multinucleate**d cells [accept any answer describing cells with **two** or **many** or **more than one nuclei**/**nucleus**]

13. One character in this work simulates slitting his throat with a fake barber-apprentice razor. This work describes a cult in which a slave initiate is commanded to deflower a young girl in a bridal chamber. This work contains a parable about a soldier who corrupts a grieving woman whom everyone regards as a model of chastity and gets her to hoist her husband's corpse onto a cross from which a body has been stolen. Besides that story about the Ephesian widow, this work describes how Priestess Quartilla officiates a cult of (*) Priapus, who curses the protagonist with impotence for offending him. In one section of this work, its protagonists are frightened by a mural with the words "cave canem" and eat chicken shaped like fish and other mimetic dishes. This novel inspired the original title for *The Great Gatsby* with its chapter about a freedman's bawdy rags-to-riches story. For 10 points, name this work narrated by Encolpius, an attendee of Trimalchio's dinner, penned by Petronius.
ANSWER: the ***Satyricon*** [or ***Satyrica***]

14. In a painting centering on this person, a man dressed in a blue suit is holding a document in his left hand and saluting to this person with his right. A large conflagration is burning on a goblet-like structure in the right background of a work centering on this figure, and a tornado is shown behind this man in that painting. In one work, this figure has a large beard that is being blown by the wind. A man dressed in blue wearing a backpack and a man dressed in all white lie dead at this figure's feet, and this figure holds a huge rifle and a Bible in that work. Jacob (*) Lawrence made a series of paintings depicting the "Legend of" this figure." The artist of the most famous painting depicting this figure makes up the "Regionalist triumvirate" with Thomas Hart Benton and Grant Wood. For 10 points, name this man who is the subject of John Steuart Curry's *Tragic Prelude*, which is housed in Kansas, where this man led the Pottawatomie massacre.
ANSWER: John **Brown**

15. This author claimed to have written a lasting work while suffering from gout and laying in "wretched rest." Part of this person's tale coincides with the narrative of Odoric of Pordenone, who also related stories of cormorant fishing. This author likely cribbed from Giovanni da Pian del Carpine and Vincent de Beauvois. He told of encountering the daughter of Hippocrates turned into a dragon, giant flesh-eating ants called pismires, a race of sciapods who shelter themselves from the sun under their giant single feet, and men with their (*) faces on their chests and no heads. His account of his travels came out a few years after the publication of Marco Polo's *Il Milione*. For 10 points, name this possibly fake Anglo-Norman knight whose account of his travels titillated Europe in the late 1300s.
ANSWER: Sir John **Mandeville** [or Jehan de **Mandeville**]

16. One of these pieces uses extensive parallel thirds and got its nickname by using chromatic descent with portato bowings. In another of them, the A and E strings imitate flutes while the G and D strings imitate horns. The first of these pieces incorporates a theme from *L'arte del violono* by Pietro Locatelli, the direct inspiration for the whole set. Yitzhak Perlman dedicated an album of these works to Michael Rabin, who recorded nearly half of them before his fourteenth birthday. The sixth of these pieces, which were never publicly performed by their composer, is played an octave lower in the first of a set of six (*) studies of its composer by Franz Liszt. One of these pieces has its melody inverted in the eighteenth of a set of variations for piano and orchestra. Each of these pieces was written to showcase a different skill, such as double stops, arpeggios, and trills. For 10 points, Rachmaninoff based a rhapsody on what set of twenty-four solo violin works by Paganini?
ANSWER: *24 **Caprices** for Solo Violin, Op. 1* [or **Paganini's caprice**s; or **capriccio**s]

17. This character admits a desire to "pile delay / upon delay in these great matters" so as to "destroy both countries' people." By conjuring an apparition, this character saves an ally's life by luring him onto a ship and severing the moorings. This character impels Juturna to disguise herself as the officer Camers to break a treaty and prevent a duel from occurring. This character interrupts some memorial games by making Iris incite several women to burn a bunch of ships. This character sends Allecto to inflict madness upon Queen (*) Amata and drives Ascanius to hunt a stag belonging to Latinus's herdsman. Realizing defeat, this character demands that the Latins not be forced to change their name and their language. This character orders Aeolus to blow several Trojan ships off course, setting events into motion that result in the death of Dido, the queen of her favorite city, Carthage. For 10 points, name this goddess, the enemy of Aeneas in *The Aeneid* and the wife of Jupiter.
ANSWER: **Juno** [or **Hera**]

18. **Differential production of this compound is the cause of blue light induced photomorphogenesis in *Arabidopsis*. Kiely and Hutchings have developed a platinum and gold nanoparticle system to efficiently synthesize this compound. Ferric acetate and this compound are used in the second step of a reaction that converts glucose to arabinose; that reaction is the Ruff degradation. This compound is produced commercially by the (*)** anthraquinone process. This compound, which is created in high quantities by NADPH oxidases in neutrophils, can be used in conjunction with a Lewis acid to create an ester in the Baeyer-Villager reaction. When sold commercially, this substance is stored in dark brown bottles. For 10 points, name this strong oxidizing agent, which has the formula H_2O_2.
ANSWER: **hydrogen peroxide** [accept $\underline{H_2O_2}$ before mentioned]

19. **The chief minister Saroz defected to this ruler's side shortly after negotiating surrender with this ruler's beardless general Kose Mihal. This ruler occupied the fortress of Melangeia shortly after benefitting from George Mouzalon's decision not to use a contingent of Alan soldiers, thereby winning the Battle of Bapheus. According to legend, this ruler married his wife after having a dream in which a gigantic, world-sized tree sprouted from his body and its leaves suddenly turned into swords, pointing to a city resembling a diamond set among rubies. Following the death of his father Ertugrul, this ruler took advantage of a power vacuum caused by the fall of the Sultanate of (*)** Rum to rally his ghazi soldiers and conquer numerous Byzantine holdings, ending at Bursa. The house established by this ruler was continued by his son Orhan and officially ended in 1922. For 10 points, name this Turk who inaugurated the Ottoman Empire.
ANSWER: **Osman I** [or **Othman I**; or **Othman Gazi** Han; or **Othman Bey**; or **Osman Bey**; prompt on **Osman**]

20. **In this novel, a mob rallies to the cry "Today! Not tomorrow, today!" but is accosted by a unit of bronze cavalrymen and chased to an accursed hill full of stones caked with dry blood. In this novel, the golden eagle is an icon hated by a group of freedom fighters who worship Adonai. At the climax of this novel, its lets out the triumphant cry "IT IS ACCOMPLISHED!", but the author notes that "it was as though he had said: Everything is begun." The title character of this novel gives his red-bearded best friend specific instructions on how to hand him to (*)** Caiaphas, earns a living building crosses for Jewish martyrs, and gets rescued by angels, allowing him a momentarily happy life with his wives Mary and Martha. Willem Dafoe played the title character, who has sex with Mary Magdalene, in a controversial Martin Scorcese film adaptation of this book. For 10 points, name this Nikos Kazantzakis novel that offered a very human-like portrayal of Jesus.
ANSWER: The *__Last Temptation__ of Christ* [or *__O Teleutaios Peirasmos__*]

21. **One man central to this event was pardoned but immediately re-imprisoned for murdering the editor in chief of the newspaper *Milliyet*. Official doctrine links this event to the third Secret of Fatima. The 2006 Mitrokhin Commission report played up Eastern Bloc connections to this event, a theory supported in a 2009 book by John Koehler. The man in the crosshairs of this attack was later targeted by Juan Maria Fernandez y Krohn and the Bojinka Plot. The man who carried out this attack was a member of a group called the "Idealist Youth" or (*)** "Grey Wolves" and worked in cahoots with Bulgarian attache Zilo Vassilev and Oral Celik. For 10 points, name this attack on Karol Wojtyla in St. Peter's Square in 1981, carried out by Mehmet Ali Agca.
ANSWER: Mehmet Ali Agca's attempted **assassination of Pope John Paul II** [accept anything that indicates **trying to kill John Paul II**; prompt on **trying to kill the pope** or other less-specific answers; accept Karol Joseph **Wojtyla** for "John Paul II" before read]

Bonuses:

1. One of these ships was eventually christened the HMS *Wivern*, though they were intended to be called the *Mississippi* and *North Carolina*. For 10 points each:
[10] Name these two "rams" that would have threatened the naval blockade on the Confederacy had the U.S. not exerted extreme diplomatic pressure on Britain to seize them in 1863.
ANSWER: the **Laird** rams [or **Scorpion**-class ironclads]
[10] This occasionally brilliant Floridian, the CSA Secretary of the Navy, ordered the construction of the Laird rams.
ANSWER: Stephen [Russell] **Mallory**
[10] Mallory's keenness on ironclads led the CSA to raise the USS *Merrimack* and create this first Confederate ironclad, which squared off against the *Monitor* at the Battle of Hampton Roads.
ANSWER: CSS *Virginia*

2. Answer the following about the alto saxophone, for 10 points each.
[10] The alto sax plays during the opening dance of the *Symphonic Variations* of this composer, best known for works like *The Isle of the Dead* and *Rhapsody on a Theme of Paganini*.
ANSWER: Sergei [Vasilievich] **Rachmaninoff**
[10] The sax is prominently used in the Minuet of the first suite of this name, adapted by Georges Bizet from incidental music for a failed Alphonse Daudet play.
ANSWER: *L'arlesienne* suite [or The *Girl from Arles*; accept synonyms for "girl"]
[10] The alto sax is transposed to this note, which means that this note on the piano will sound like a C on the sax.
ANSWER: **E-flat** [do not accept or prompt on "E"]

3. This transition, which can occur in foams or granular materials, originates far from equilibrium, unlike a related transition. For 10 points each:
[10] Name this transition in which a disordered assembly of repulsive particles becomes a solid with a yield stress.
ANSWER: **jamming** transition [accept word forms]
[10] The jamming transition is similar to this transition, named for an amorphous solid with formula SiO_2. In polymers, its namesake temperature is the lower bound on the rubbery state and marks a change in characteristic to hard and brittle.
ANSWER: **glass** transition
[10] Liu and Nagel introduced one of these diagrams for the jamming transition. Schreinemakers' method can be used in their construction and they contain lines of equilibrium that can meet at a triple point.
ANSWER: **phase** diagrams

4. When asked to explain the significance of this line, the author explained that in the time of Chaucer, "the poet could use the name of the thing and the thing was really there." For 10 points each:
[10] Name this seemingly tautological quotation from the poem *Sacred Emily* by Gertrude Stein.
ANSWER: "A **rose is a rose is a rose** is a rose" [basically we need 3 roses in order to give them the points, but accept 4 or 5, but cut them off if they go above 5]
[10] In one of this author's novels, he parodied Stein's quote with "A rose is a rose is an onion" and "a bitch is a bitch is a bitch is a bitch." Stein told this author "you are all a lost generation" and critiqued his works like *For Whom the Bell Tolls*.
ANSWER: Ernest [Miller] **Hemingway**
[10] This author put a spin on the quotation by concluding "a rose *is* a rose and the poem equals it / if it be well made" in "The Pink Locust." Relatedly, he expressed his view that there are "no ideas but in things" in a long poem.
ANSWER: William Carlos **Williams** [that poem is *Paterson*]

5. A few weeks ago, Pfizer lost the patent to this drug in Canada. For 10 points each:
[10] Name this massive moneymaker that Pfizer failed to disclose consisted of the compound sildenafil citrate in its initial patent filing in Canada.
ANSWER: **Viagra** [or **Revatio**]
[10] The suit against Pfizer was brought by the world's largest generic drug company, Teva Pharmaceutical Industries, which is based in this country, whose national healthcare system is based on four "sick funds" including Clalit, Leumit, and Meuhedet.
ANSWER: State of **Israel** [or Medinat **Yisrael**; or Dawlat **Israil**]
[10] Novartis is currently arguing for Glivec's patent protection before the supreme court of this country, which is notorious for failing to extend patent protection to big pharma and is the world's largest exporter of generics.
ANSWER: Republic of **India** [or **Bharat** Gaṇarajya]

6. This relation is encountered when solving the quantum harmonic oscillator using ladder operators. For 10 points each:
[10] Name this relation which states that i h-bar is the difference between the position operator multiplied by the momentum operator, in the same direction, and the momentum operator multiplied by the position operator.
ANSWER: **canonical commutation** relation [or **canonical commutator**; or **CCR**; prompt on partial answer]
[10] A theorem named for Stone, this mathematician, and sometimes Mackey, guarantees the uniqueness of representations of canonical commutation relations. He also contributed to the ZND detonation model and names a computer architecture contrasted with the Harvard one.
ANSWER: John von **Neumann**
[10] When one defines a commutation relation, one is actually defining an "algebra of observables." Doing that can be formalized by using one of these algebras, invented by Irving Segal; they are closed star algebras.
ANSWER: **C***-algebras [or **C-star** algebras; or **spectral** algebras]

7. Answer the following about notable instances of pissing on rugs, for 10 points each.
[10] The plot of this movie centers on The Dude's attempts to be compensated after a henchman pisses on his rug, which "really tied the room together."
ANSWER: *The **Big Lebowski***
[10] After this Canadian Prime Minister criticized American policy in Vietnam in a speech at Temple University, LBJ summoned him to Camp David and allegedly grabbed him by the shirt collar and screamed "don't you come into my living room and piss on my rug!"
ANSWER: Lester Bowles **Pearson** [or Mike **Pearson**]
[10] Perhaps the most fatal instance of rug-pissing occurred in 2009, when Richard Poplawski killed three police officers who responded to a domestic disturbance stemming from a dog urinating on a rug in this city, whose downtown is called the "Golden Triangle."
ANSWER: **Pittsburgh**

8. This view's main proponent defended it in a text that expounds on counterpart theory, *On the Plurality of Worlds*. For 10 points each:
[10] Name this theory, advanced by David Lewis, which holds that our existence is but one of many possible worlds.
ANSWER: **modal real**ism [accept word forms of either word]
[10] This philosopher introduced the idea of possible worlds in his *Theodicee*, which claimed that ours is the best of all possible worlds. The remark earned this calculus enthusiast a savaging at the hands of Voltaire.
ANSWER: Gottfried Wilhelm [von] **Leibniz**
[10] Modal realism is often seen as a way of understanding these statements, after which Lewis titled a 1973 work. The Ramsey test relates them to belief revision.
ANSWER: **counterfactual**s [or **counterfactual conditional**s; prompt on **conditional**s]

9. This work ends with Zeta divorcing his wife for her tryst in a summerhouse and Danilo learning that the title character will lose her wealth only because it will pass to him. For 10 points each:
[10] Name this stage work that centers on the title character, Hanna Glawari, whose marriage to anyone in Paris would bankrupt the tiny country of Pontevedro.
ANSWER: *The **Merry Widow*** [or *Die **Lustig Witwe***]
[10] The plot of Franz Lehar's *The Merry Widow* focuses on Danilo's obsession with this fashionable *belle epoque* Parisian restaurant; Danilo sings in a beloved Act I aria that "you'll find him" at this restaurant.
ANSWER: **Maxim**'s [accept "You'll find me at **Maxim**'s; or "Da geh' ich zu **Maxim**"]
[10] This Russian composer ironically worked "You'll find me at Maxim's" into the "invasion theme" of his *Symphony Number 7*, "*Leningrad*."
ANSWER: Dmitri [Dmitriyevich] **Shostakovich**

10. In one story by this author, the governor of the title location celebrates his birthday by scrambling his fighter planes in a garish air show while the rest of the inhabitants, including Dede, starve. For 10 points each:
[10] Name this author of "In the City of Red Dust," one of six postcolonial stories found in his collection *Stars of the New Curfew*. Another of his novels stars a photographer named Jeremiah, a bar owner named Madame Koto, and a "spirit child."
ANSWER: Ben **Okri** [the novel is *The Famished Road*]
[10] Most of Ben Okri's stories fall under this genre of fiction, theorized by Alejo Carpentier and used in novels like *One Hundred Years of Solitude* by Gabriel Garcia Marquez.
ANSWER: **magic realism** [or **magical realism**]
[10] In "In the City of Red Dust," Emokhai makes a living by performing this activity. This activity is performed regularly before trips to the Victory Restaurant by Xu Sanguan, who supplements his income as a cart-pusher in a silk mill by doing this.
ANSWER: **selling** his **blood** [or **giving blood**; or really anything along those lines; accept ***Chronicle of a Blood Merchant***; accept ***Xu Sanguan Mai Xue Ji***]

11. Name the following combatants in various battles of Issus, for 10 points each.
[10] In the 333 BCE Battle of Issus, this Macedonian conquered Darius III after destroying the satraps led by Memnon of Rhodes at the earlier Battle of Granicus.
ANSWER: **Alexander the Great** [or **Alexander III** of Macedon; or **Alexandros ho Megas**; prompt on **Alexander**]
[10] This Eastern Emperor, the loser at the Battle of Yarmouk and instigator of the Byzantine-Arab wars, had his 622 CE campaign against the Sassanids climax at Issus.
ANSWER: Emperor **Heraclius** [or Flavius **Heraclius** Augustus]
[10] In the 194 CE Battle of Issus, Septimius Severus's forces finally defeated this rival of Septimius, the counterpart of Clodius Albinus, thus somewhat clarifying the whole five-emperors-in-one-year situation.
ANSWER: Pescennius **Niger** [or Gaius Pescennius **Niger** Augustus; prompt on **Pescennius**]

12. Since quizbowl is not ready for lit questions on "choose your own adventure" stories, answer the following about second-person narration instead, for 10 points each:
[10] This Italo Calvino novel guides you, or at least a character named "you," through turning off your TV, relaxing in a chair, and opening a new novel by Italo Calvino.
ANSWER: *If on a winter's night a traveler* [or *Se una notte d'inverno un viaggiatore*]
[10] This literary critic describe narrative as a form of rhetoric in his masterwork, *Rhetoric of Fiction*, in which he coined the term "unreliable narrator."
ANSWER: Wayne [Clarkson] **Booth**
[10] In Rudyard Kipling's "If—," you need to meet with both triumph and disaster, which are called two of these deceitful things.
ANSWER: two **impostor**s

13. People who had one of these things had to carry a token that depicted an eagle on one side and a lower part of face on the other. For 10 points each:
[10] Name these things, which that token proclaimed a "superfluous burden."
ANSWER: **beard**s [or **boroda**]
[10] This modernizing Russian tsar instituted the beard tax after embarking on his Grand Embassy.
ANSWER: **Peter the Great** [or **Peter I**; or **Pyotr Alexeyevich Romanov**; or **Pyotr Velikiy**; prompt on **Peter** or **Pyotr**]
[10] This list created fourteen grades of military, civil government, and court positions in Imperial Russia, and marked Peter the Great's attempt to create a meritocratic bureaucracy.
ANSWER: the **Table of Ranks** [or **Tabel' o rangakh**]

14. This equation does not describe aliphatic compounds because they have a weak correlation between transition state and equilibrium position, and most strong electron donors do not conform to its linear plot. For 10 points each:
[10] Name this equation which describes the relationship between equilibrium or rate constants of reactions with meta and para substituted aromatics and similarly substituted benzoic acids.
ANSWER: **Hammet** Equation
[10] Sigma factors from the Hammet equation are plotted against rho constants in these plots that are used in quantitative structure activity relationship models to guide rational drug design.
ANSWER: **Craig** plots
[10] Benzoic acid is often synthesized in the oxidation part of Canizarro reaction from a compound in which benzene is substituted with this functional group. This group is characterized by a terminal carbonyl group.
ANSWER: **aldehyde**s

15. One man of this ethnicity stole an axe, sparking the seventh of a whopping nine total frontier wars between them and the Boers. For 10 points each:
[10] Name these speakers of a click-laden Bantu language, a large ethnic group that lives primarily in southeast South Africa.
ANSWER: **Xhosa** [be lenient about the pronunciation of this; some people say it as "GOZA"]
[10] In a bizarre episode from Xhosa history, a vision experienced by the Xhosa girl Nongqawuse in 1856 caused tribesmen to perform this action en masse, believing that doing so will cause dead Xhosa to expel the whites.
ANSWER: **killing cattle** [accept anything synonymous to **slaughtering cows**]
[10] People with Xhosa heritage, such as Nelson Mandela himself, are heavily represented in this ruling political party from South Africa, whose terrorist wing was called the "Spear of the Nation."
ANSWER: **African National Congress** [or **ANC**]

16. Name the following people who had theories of how religion first formed, for 10 points each.
[10] This thinker argued that religion began with the killing and eating of a father figure who became a collective paternal memory in his *Totem and Taboo*. His thoughts on the formation of Judaism are found in *Moses and Monotheism*.
ANSWER: Sigmund **Freud** [or Sigismund Schlomo **Freud**]
[10] The German Hellenist scholar propounded the idea that early humans elevated prey to the status of equal during the hunt, thus giving rise to early religious practices, in his 1972 book *Homo Necans*. He also wrote *Greek Religion*.
ANSWER: Walter **Burkert**
[10] This author argued that people did not have introspection or consciousness until roughly 3,000 years ago, and that the mind used to speak to itself in what people mistook for godly proclamations in his *The Origin of Consciousness and the Breakdown of the Bicameral Mind*.
ANSWER: Julian **Jaynes**

17. The *Skaldskaparmal* contains a song in which the snow gusts of this god's ash ship grimly cover a prince. For 10 points each:
[10] Name this Germanic god, whose ship also symbolizes shields. This brother of Thrud is adept with bows, skis, and shoes.
ANSWER: **Ull**r [or **Ollerus**]
[10] Ull is regarded as the son of this goddess, whose hair was once shorn by Loki. As punishment, her husband Thor forced Loki to craft her some golden tresses and five other valuable objects.
ANSWER: **Sif**
[10] The portion of the *Skaldskaparmal* describing the ashen ship of Ull is part of a long list of kennings catalogued by this god of poetry, who has runes inscribed on his tongue and was once accused of cowardice by Loki.
ANSWER: **Bragi**

18. These structures occur due to the formation of a cyclobutane ring, and the ability to repair these structures via nucleotide excision repair is lacking in patients of Xeroderma pigmentosa. For 10 points each:
[10] Name these structures that form between compounds also called 5-methyluracil in ultraviolet light. These structures are repaired by the UVR ABC complex in *E. coli*.
ANSWER: **thymine dimer**s [or **thymidine dimers**; prompt on cyclobutane **pyrimidine dimers**; do not accept "cystine dimers"]
[10] The presence of a thymine dimer in DNA causes this type of mutation, which can also occur due to insertions or deletions of a number of nucleotides that is not divisible by three.
ANSWER: **frameshift** mutation
[10] This type of repair is mediated by the MutS ("mute-s")/MutH/MutL pathway in *E. coli*. In *E. coli,* this pathway is based on the fact that newly synthesized strands of DNA are not fully methylated.
ANSWER: base **mismatch** repair [accept "nucleotide" in place of "base"]

19. Humor quizbowl's number one Scipione Borghese fan by naming the following artists of paintings now located in the Galleria Borghese, for 10 points each.
[10] Aphrodite and Cupid sit beside Laura Bagarotto on an open sarcophagus in this artist's *Sacred and Profane Love*, which is now housed at the Galleria Borghese. This Venetian artist also painted *The Rape of Europa*.
ANSWER: **Titian** [accept Tiziano **Vecelli** or Teziano **Vecellio**]
[10] The Gallery also houses this artist's *Venus and Cupid With a Honeycomb*. Judith calmly rests her arm on Holofernes' head in the depiction of that scene by this court painter to Frederick the Wise.
ANSWER: Lucas **Cranach** the Elder [accept no other Cranachs]
[10] This artist's *Danae*, in which Cupid and Danae receive Jupiter in the form of a golden shower, is part of the Borghese collection. This man painted the *Assumption of the Virgin* for the dome of the Parma cathedral.
ANSWER: Antonia da **Correggio**

20. In one of these stories, a parrot is cared for by a virtuous Brahmin with a wicked wife who wrings its neck after it reports her infidelity. For 10 points each:
[10] Name these fables, a portion of the Pali Canon examining the past animal lives of the Buddha, who always imparts some virtue at the end.
ANSWER: *Jataka* tales [or *Jatakas*; or *sadok*; or *chadok*]
[10] In one of the *Jatakas*, the Buddha was born into this animal form and took on an otter, a jackal, and a monkey as disciples. When the lord of gods posed as a starving visitor to test the four, this animal, realizing it had no food worthy enough to share, offered its own flesh.
ANSWER: **rabbit** [or **hare**; or **bunny**; or equivalents]
[10] The *Jataka* tales are most important in this older branch of Buddhism, the predominant religion in Sri Lanka and southeast Asia.
ANSWER: **Theravada** [or **Hinayana**]

21. Some actors in this form of theater periodically hit two sticks together, thus originating the term "slapstick." For 10 points each:
[10] Name this theater form based on stock characters like the Arlecchino, the Pantalone, and the Scaramuccia, that spread from Italy to the rest of Europe.
ANSWER: **commedia dell'arte** [or **comedy of craft**]
[10] The roles in commedia dell'arte were renovated by Carlo Goldoni, who used the frame story of Beatrice wanting to confront her lover Florindo over the death of her brother in this play about a gluttonous and duplicitous handyman.
ANSWER: ***Servant of Two Masters*** [or ***Arlecchino servitore di due padroni***]
[10] In *Servant of Two Masters*, the servant is this stock character from commedia dell'arte, who wears an assuredly racist black mask and has a long, beaklike nose.
ANSWER: **Pulcinella** [or **Punch**inello; or **Polichinelle**]