

Don't Underestimate Our Set (DUOS) Packet 2

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1. In this text, two women receive a blessing to have children with any deities that they wish to, leading to a child being floated down a river and being raised by a poet and a charioteer. In this text, one character foolishly believes that a pond is actually a floor, and falls into it. In this text, a talking monkey challenges a hero to build a bridge from (*) arrows, which he succeeds in doing on his third attempt. In this text, the archery teacher Dronacharya is killed after a hero who never lied bluffed that his son was dead. Krishna acts as the charioteer for Arjuna, one of the fighters in a war in this epic, which contains the Bhagavad Gita. For 10 points, identify this Hindu epic which depicts the Kurukshetra War between the Pandavas and Kauravas.

ANSWER: The Mahabharata <Gollamudi - Mythology>

2. One painting by this artist depicts the two central figures swinging clubs at each other while knee-deep in murky water. A man in red falls off of a horse in a companion piece to a painting by this artist in which the white-shirted central figure is thought to bear a stigmata on his right hand. The 43rd work in a series of etchings by this artist depicts a man resting his head on a table as creatures that resemble owls fly above, and is titled *The (*) Sleep of Reason Produces Monsters*. This artist featured a work depicting Cronus eating the arm of one of his children in a series originally painted on the walls of the Quinta del Sordo. Another work by this artist depicts an execution lit by a single lamp during the Peninsular War. For 10 points, name this Spanish painter of *Saturn Devouring His Son* and *The Third of May, 1808*.

ANSWER: Francisco José de Goya y Lucientes <Tegulla - Visual Fine Arts>

3. This commodity titles a 2015 history by Peter Frankopan subtitled "A New History of the World." Early in the Industrial Revolution, three revolts were led by workers who produced this commodity called canuts in the city of Lyon. Two Nestorian monks smuggled this commodity into the Byzantine empire. Persian buildings set up to aid travelers near a location named for this commodity were known as (*) *caravanserais*. Sogdian merchants acted as middlemen in the trade of this commodity, which was traditionally woven at home by Chinese women. A route named for this commodity was travelled by Marco Polo. For 10 points, name this commodity whose namesake "Road" was a network of trade routes between Europe and China.

ANSWER: silk [accept Silk Road] <Kher - Ancient/Other History>

4. An object with a constant value for this quantity experiences zero drag within inviscid potential flow, according to d'Alembert's paradox. Torricelli's law states that this quantity is proportional to the square root of $2gh$. Curves that are tangent to this quantity's vector field create streamlines, and the curl of this quantity is the vorticity. A characteristic length parameter, viscosity, and the scalar of this quantity together define the (*) Reynolds number. Bernoulli's principle states that an increase in this quantity results in a decrease in dynamic pressure. The Mach number of a fluid equals this quantity divided by the speed of sound. For 10 points, name this vector quantity that is measured in meters per second.

ANSWER: flow velocity [prompt on speed until mentioned] <Tegulla - Physics>

5. A character in this work drops her handkerchief while a chambermaid is having sex behind the bushes while finding herself "in a screen." The protagonist of this novel shoots two monkeys chasing a pair of women and is nearly cooked by a tribe known as the Oreillons ["oh-ray-owns"]. While aboard a ship destined for Bordeaux ["bore-dough"], the title character of this work argues with the philosopher Martin about the merits of Manichaeism. In this work, the illegitimate daughter of Pope Urban X describes how she used to be the (*) Princess of Palestrina before she became a slave in Morocco. In this work, Jacques the Anabaptist dies by drowning during an earthquake in Lisbon. In this work, the title character is surprised after his mentor survived *auto-de-fe*; that mentor, Pangloss, often says that this world is the "best of all possible worlds." For 10 points, name this satire written by Voltaire.

ANSWER: Candide: *Ou l'Optimisme* [or Candide: *Optimism*] <Tegulla - European Literature>

6. **One condition affecting this organelle occurs due to mutations in the *NPC1* and *NPC2* mobility genes. The Type C class of a disorder affecting this organelle is detected by the formation of a fluorescent complex in the “filipin test.” A deficiency of glucocerebrosidase within this organelle leads to Gaucher [“gow-SHAY”] disease, which for affected macrophages creates an appearance similar to “wrinkled tissue paper”. One (*) storage disease affecting this organelle occurs due to a mutation in the *HEXA* [“hek-sa”] gene that causes GM2 gangliosides to accumulate; that disease is Tay-Sachs. A phagosome develops and surrounds this organelle while it performs autophagy. Hydrolyzing enzymes within this organelle require an acidic pH to function. For 10 points, name this organelle responsible for digesting molecules.**

ANSWER: lysosomes <Tegulla - Biology>

7. **In one movement in this work, the solo bass imitates a descending B-flat major triad played by a solo trombone. A double fugue in the second movement of this work quotes Handel’s “And with his stripes we are healed.” A syncopated eighth note rhythm in the first violin exchanges with quarter notes in the second violin in a 12/8 *Larghetto* that follows this composition’s (*) *Confutatis*. Franz von Walzegg commissioned this work, whose *Tuba mirum* section is preceded by its *Dies Irae*. This piece’s *Agnus Dei* and *Sanctus* were completed by Franz von Sussmayr, and its composer left its *Lacrimosa* incomplete at his death. For 10 points, name this setting of the mass for the dead, a work by the Austrian composer of *The Magic Flute*.**

ANSWER: Wolfgang Amadeus Mozart’s Requiem in D minor [prompt on requiem with “composed by who?”] <Crowell - Auditory Fine Arts>

8. **In one story by this author, the protagonist tries to read *Crime and Punishment* but finds the words of *Brothers Karamazov* instead due to hallucinations of the title objects. In another story by this author, two characters debate whether a man possessed 17 or 20 arrows in his quiver, and a woman fails to commit suicide after stabbing herself in the throat and flinging herself into a pond. A corpse in another story by this author used to sell snake meat as fish. The greed of (*) Kandata breaks the title structure and subsequently sends him falling back into hell in this author’s story, “The Spider’s Thread.” This author of “Cogwheels” wrote about multiple different accounts of the death of a samurai named Takehiro in one of his stories which was later adapted into a film by Akira Kurosawa. For 10 points, name this Japanese author of “In a Grove” and “Rashomon.”**

ANSWER: Ryunosuke Akutagawa [or Akutagawa Ryunosuke; do NOT accept or prompt on “Ryunosuke”] <Bhattacharyya - World Literature>

9. **In a 2004 interview with *Scratch Magazine*, Kanye West mentioned that he tried to steal this man’s drum kit after producing a song for D12. In another song with that group, this musician claims that “these chicks don’t even know the name of my band” and that “my salsa makes all the pretty girls want to dance.” This man’s mother, Debbie, sued him in 2001 over lyrics such as “my mom smokes more dope than I do.” Along with making songs such as “Guilty Conscience” and (*) “The Way I Am,” this rapper dressed up as a superhero in the music video for “Without Me.” A recent TikTok trend has seen people attempting to follow along with the speed of this man’s song “Rap God.” For 10 points, name this Detroit rapper who starred in *8 Mile* and sang “Lose Yourself.”**

ANSWER: Eminem [or Marshall Bruce Matthers III; accept Slim Shady] <Prasanna - Pop Culture>

10. **John Gibson’s dissent in *Eakin v. Raub* attacked a concept that arose from this case. Jacob Wagner, Daniel Brent, and Acting Secretary Levi Lincoln all testified in this case in which Justice William Cushing did not participate. Charles Lee represented the plaintiff in both this case and *Stuart v. Laird*, which was decided just a week after. In the ruling in this case, a law was struck down because its (*) Section 13 tried to expand the power of the Supreme Court. The plaintiff in this case demanded a writ of mandamus so he could receive his commission to be one of John Adams’ “Midnight Judges.” In this case, the Judiciary Act of 1789 was declared unconstitutional by John Marshall. For 10 points, name this 1803 Supreme Court case that established judicial review.**

ANSWER: Marbury v. Madison [or *Madison v. Marbury*] <Prasanna - American History>

11. *Aparigraha*, or “non-possessiveness,” is one of the five main vows taken by initiates in this religion. “Non-soul” and “soul” are characterized by the presence of sentience in this religion’s cosmology and are known as *jiva* or *ajiva*. Sacred texts of this religion like the Tattvartha Sutra are known as the (*) Agamas. The Svetambara and Digambara are sects of this religion also known as “white-clad” and “sky-clad,” the latter of whom own no clothes and often carry a broom. This religion was founded and shaped by its 24 tirthankaras, the last of which is Mahavira. For 10 points, name this religion whose adherents practice the five Mahavratas which include a form of non-violence called ahimsa.

ANSWER: **Jainism** [or **Jain** Dharma] <Morales - Religion>

12. In this country, the 6 October 1976 massacre targeted students protesting at Thammasat University. Phibun was a World War II-era dictator of this country, whose current capital was first made a capital city under the Thonburi kingdom. A monarch of this country signed the Bowring Treaty with Great Britain and gifted James Buchanan elephants to assist agriculture. Taksin the Great was the founder of this country’s (*) Chakri dynasty. The Ayutthaya Kingdom was based in this country. The musical *The King and I* centers around a woman who teaches the children of a ruler of this country named Mongkut. This country’s current king is the tenth of its rulers to have the name Rama. For 10 points, name this Southeast Asian country led from Bangkok.

ANSWER: **Thailand** [or **Siam**] <Ganeshan - World History>

13. Note to moderator: ask the player to repeat if you are unsure whether they are saying “alkyne,” “alkene,” or “alkane.” One of these compounds reacts with mercuric acetate to form an alcohol in the oxymercuration reaction. The ideal one of these compounds that results from an elimination reaction is predicted by Zaitsev’s rules. In the presence of a phosphonium ylide [“ill-EYED”], aldehydes and ketones may be converted to these compounds in the Wittig reaction. The *cis* and *trans* isomers of these compounds are denoted by the letters (*) E and Z, respectively. The carbon atoms in these compounds are all sp² hybridized. These hydrocarbons have twice as many hydrogen atoms as carbon atoms. For 10 points, name these compounds that contain at least one carbon-carbon double bond, unlike alkynes and alkanes.

ANSWER: **alkenes** [or **olefins**] <Tegulla - Chemistry>

14. At this character’s country estate, a hunting party ends early when a sailor is accidentally shot near Selby. Lord Kelso arranges a duel that eventually kills this character’s father, devastating Margaret Devereaux [“deh-ver-oh”]. The novel titled for this character notes “all art is quite useless” in its preface, and later sees the corpse of his servant only being identified by the rings it wears. This character buys nine editions of a certain “little yellow book” and at an opium den, an addict refers to him as (*) “Prince Charming.” This character forces the chemist Alan Campbell to dispose of a man he had stabbed to death. This character breaks up with the actress Sybil Vane after her subpar performance in *Romeo and Juliet*. This character is mentored by Lord Henry Wotton, and later commits suicide after killing the painter Basil Halward. For 10 points, name this character who titles the only novel by Oscar Wilde.

ANSWER: **Dorian Gray** [accept *The Picture of Dorian Gray*] <Ganeshan - British Literature>

15. This thinker disagreed with Lev Vygotsky on whether or not humans eventually transitioned to “inner speech.” Barbel Inhelder and this psychologist studied the prevalence of egocentrism through an experiment in which subjects were asked to reconstruct a model of three mountains. This self-proclaimed “genetic epistemologist” argued that people confront new information by assimilating or accommodating it into existing (*) “schemas.” One demonstration of this psychologist’s most famous model involves asking an infant to determine whether a tall and thin glass or a short and wide glass contains more water. This psychologist observed that children develop the idea of object permanence in the sensorimotor stage. For 10 points, name this Swiss psychologist who posited that the cognitive development of children occurs in four stages.

ANSWER: Jean **Piaget** <Tegulla - Social Science>

16. In a story set in this state, a character is delighted that Negrillon isn't punished for faking his burnt leg before the title character is abandoned at a stone pillar. In this state, a woman imagines an everlasting cable car trip while spending \$15 on various garments. In this state, a character buys a "pigeon house" to establish self-independence and is offered assistance by Dr. Mandelet. The protagonist weeps while listening to a Chopin Impromptu played by Mademoiselle (*) Reisz ["reez"] in this state and often compares herself with the frequently pregnant Adele Ratignolle ["uh-dell ra-tin-yole"]. In this state, Armand Aubigny ["our-mahnd awe-big-knee"] exiles his wife and the titular infant after discovering he is part black in the story "Désirée's Baby." After Robert Lebrun leaves her, Edna Pontellier ["pone-tell-ee-ay"] drowns off the coast of this state in Kate Chopin's *The Awakening*. For 10 points, name this Southern state where Cajun lifestyle was documented in New Orleans.

ANSWER: Louisiana (Note: The second line refers to "A Pair of Silk Stockings") <Ganeshan - American Literature>

17. The speech igniting this event held on the twentieth anniversary of "Victorious February" criticized the decisions of Klement Gottwald. A meeting at Cierna revolved around this event, which saw the publishing of a manifesto by Ludvik Vaculik. A period of "normalization" was introduced following this event, which officially began with the removal of Antonin Novotny. The "Action Programme" was implemented during this event, whose leaders later founded (*) Charter 77. The student Jan Palach self-immolated himself on Wenceslas Square during this event, which ended with the installation of Gustáv Husák. This event's leader advocated "socialism with a human face." For 10 points, name this 1968 event where Alexander Dubcek attempted to liberalize Czechoslovakia.

ANSWER: Prague Spring [or Prazske jaro; or Prazska jar] <Ganeshan - European History>

18. A controversial biking trail in this state where riders hug the side of a rock face containing a sheer vertical drop is known as the "White Line." The Cathedral Rock trail in this state provides distant views of one of the most photographed sites in one of its cities. A trail in this state named for the Bright Angel fault provides access to a certain feature's Vishnu and Brahma schists. The Kaibab ["kay-bab"] trail is a starting point for hikers to enter that feature in this state. A short trail leads to a river's trademark "Horseshoe Bend" near this state's city of Paige. (*) John Wesley Powell mapped a feature in this state which contains a glass "skywalk" near Eagle Point. Red Rock formations are iconic of this state's city of Sedona, and it contains an often hiked feature created by erosion of the Colorado River. For 10 points, name this state where hikers attempt to traverse sections of the Grand Canyon.

ANSWER: Arizona <Ganeshan - Geography>

19. The Adams-Williamson equations relate an aspect of these phenomena to the adiabatic change in density. A type of these phenomena named for Rayleigh can be observed by the elliptical motion of surface rock. One type of these phenomena named for Augustus Love may form from another type of them that are unable to pass through the (*) Gutenberg discontinuity. The presence of one type of these phenomena within the inner core creates a "shadow" zone. Seismologists measure the differences in arrival times between the S and P types of these phenomena to determine the epicenters of earthquakes. For 10 points, name these seismic phenomena that travel in a similar fashion to tidal ones in the ocean.

ANSWER: seismic waves [accept primary waves, secondary waves, P-waves, S-waves, shear waves, compressional waves, Rayleigh waves, Love waves] <Morales - Other Science>

20. An aria in one opera by this composer opens with a unison C, followed by the notes "D, B, C" repeated three times, then reaches a high E followed by a low E. One character in an opera by this composer expresses his suspicion and creates false rumors about another character in the aria "La calunnia é un venticello." In another opera by this composer, Lucia places blame on the title character, who sings "Deh, tu reggi in tal moment," for the loss of a silver fork; that title character is Ninetta. This composer of (*) *The Thieving Magpie* created another work in which one character disguises himself multiple times in order to win the love of Rosina. The aria "Largo al factotum" is sung to Count Almaviva by his former servant Figaro in that opera by this composer. For 10 points, name this Italian composer of *The Barber of Seville*.

ANSWER: Gioachino Antonio Rossini <Morales - Other Fine Arts>