

Don't Underestimate Our Set (DUOS) Packet 5

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1. **Turkish vendors typically prepare a type of this foodstuff called *salepi dondurma* using a long, rotating paddle. The Mughal empire often used saffron to flavor one variety of this foodstuff called *kulfi*. This foodstuff is surrounded by a layer of meringue in a Baked Alaska. Another type of this foodstuff is named for its initial production by immigrants from Naples and is made to have three distinct (*) stripes of different colors. Soy lecithin, plain egg yolks, and polysorbate are typically used to emulsify this foodstuff. Gelato is often mistakenly referred to as the "Italian" type of this foodstuff. Air is introduced into this foodstuff during freezing to create a less dense version called "soft serve." For 10 points, name this cold desert sold in America by companies like Ben & Jerry's.**

ANSWER: **ice cream** [accept Neapolitan **ice cream**] <Tegulla - General Knowledge>

2. **A character created by this author analyzes grouse populations while a man's identity is confirmed when he is drawn with a tortoise named Plautus. In a play by this author, the poet of "The Couch of Eros" dies by a monkey bite and a girl questions the stirring of jam and rice pudding. Characters in a play by this author frequently rhyme with the tune "Give us this day our daily bread." Rhetoricals are counted as a foul in a "Game of Questions" in that play by this author, where a group of (*) Tragedians perform *The Murder of Gonzago*. A play by this author set at the Sidley Park estate revolves around Hannah Jarvis's investigations of Septimus Hodge and Thomasina Coverly. Another play by this author begins with two characters from Hamlet flipping a coin that lands heads 92 times in a row. For 10 points, name this playwright of *Arcadia* and *Rosencrantz and Guildenstern are Dead*.**

ANSWER: Tom **Stoppard** [accept Tomáš **Straussler**] <Ganeshan - British Literature>

3. **It's not Franz Hals, but Théophile Thoré-Bürger discovered that several paintings by this artist were misattributed, resulting in this artist's newfound prominence in the 1840s. Salvador Dalí painted this artist's ghost with an extra long leg in a painting titled for its use as a table. In a work by this artist, a man with his back to the viewer can be seen painting on a canvas while his female subject sits to the left with a book and a trumpet in her hands. This painter of (*) *The Art of Painting* featured an empty bell tower in a scene of his hometown set on the edge of the Schie River. Another painting by this artist is a portrait set in front of a black background of a girl wearing a blue and yellow turban and turning her head so the title piece of jewelry can be seen. For 10 points, name this Dutch painter of *View of Delft* and *Girl with a Pearl Earring*.**

ANSWER: Johannes **Vermeer** [or Jan **Vermeer**] <Morales - Visual Fine Arts>

4. **The point at which pressure overpowers the strength of this tissue can be determined using a Scholander pressure bomb. Cavitation of this tissue causes structures within it to acquire gas pockets called embolisms. A non-branching, cylindrical type of this tissue is called a centrach. The contents of this tissue may be expelled through hydathode pores in a process called guttation. Substances entering this tissue first get filtered through an endodermal wall called the (*) Casparian strip. This tissue contains vessel elements and lignified cells called tracheids. According to cohesion-tension theory, the movement of this tissue's "sap" is facilitated by the negative-pressure environment created by transpiration pull. For 10 points, name this plant tissue that transports water and minerals, unlike phloem.**

ANSWER: **xylem** <Tegulla - Biology>

5. **An object made from this commodity, which was said to contain the *sumsum*, or the "Soul of" one empire, led to a conflict that caused Prempeh I's exile in the Seychelles. A ruler holds a round object made of this commodity near the bottom left of Abraham Cresques' Catalan Atlas. After Frederick Hodgson demanded an object made from this commodity, (*) Queen Yaa fought in a war over it. An object that fell from the sky to the ruler of Kumasi was a "stool" of this commodity used by Ashanti rulers. Ghana has historically been referred to as this commodity's "Coast." The amount of this commodity in Cairo was inflated by a Mali emperor on his hajj. For 10 points, name this valuable metal produced in large quantities by Mali under Mansa Musa.**

ANSWER: **gold** <Kher - World History>

6. This thinker argued that his philosophy promoted the development of “sons of lords” from individuals who virtuously live. This thinker is quoted as stating that lenience, a high level of tolerance, and watchfulness are all required to attain the non-Aristotelian *Doctrine of the Mean*. This philosopher asserted that actions must each be defined by their own unique meaning in order to preserve language and standardize law codes, a process which he termed (*) “rectification of names.” This man argued that everyone is born with innate responsibilities toward others because of the necessity of compassion, or *ren*. This man proposed “five basic” relationships between subjects and their elders that must be upheld with filial piety. Mencius was a student of, for 10 points, what ancient Chinese philosopher whose ideas are compiled in the *Analecets*?

ANSWER: Confucius [or Kong fu-zi] <Tegulla - Philosophy>

7. Time-reversal symmetry preserves the “topological” types of these materials, which display their characteristic properties only on their surface. A type of these materials whose unit cells contain an odd number of electrons are perfectly modelled by Hubbard theory. Most of these materials have a band gap greater than 4eV [4-electron-volts], unlike their Mott variety. Polarizable types of these materials which are typically used to separate (*) parallel-plate capacitors are called dielectrics. Materials like rubber and polystyrene serve as the thermal type of these materials, because they prevent heat transfer. A high resistivity characterizes, for 10 points, what materials through which electric current cannot freely flow, unlike conductors?

ANSWER: insulators [anti-prompt on dielectrics until mentioned] <Tegulla - Physics>

8. A poem by this author contains a section quoting a letter that states, “the key is in the sunlight at the window.” This poet claims that he is putting his “queer shoulder to the wheel” in a poem stating “I’ve given you all and now I’m nothing.” In a poem, this man wondered “What sphinx of cement and aluminum bashed open their skulls?” At an event organized by Kenneth Rexroth, this man read a work whose footnote repeats the word “Holy!” This poet began a work with the line, “strange to think of you, gone without corsets and eyes,” after the death of his mother, (*) Naomi. An event taking place at the Six Gallery was where this man read his opening line, “I saw the best minds of my generation descend into madness.” For 10 points, name this Beat Generation poet of “Kaddish” and “Howl.”

ANSWER: Allen Ginsburg <Kher - American Literature>

9. The Queen Mother of the West is said to reside in one of these objects named after Jade. In one story, Krishna uses one of these objects to protect a village from being destroyed by Indra after convincing the villagers to not perform a sacrifice. The mead of poetry is stored in one of these locations by Suttung, and it is later stolen by Odin in the guise of Bolverk. After Lakshmana gets poisoned, Hanuman is told to retrieve an herb from one of these places, but fails, causing him to bring the (*) whole thing with him. In order to reach one of these locations, Otis and Ephialtes stacked two of them known as Pelion and Ossa. One of these landforms named Parnassus is the residence of the Muses, while another known as Ida housed the infant Zeus For 10 points, name these landforms, examples of which include Olympus.

ANSWER: mountains <Gollamudi - Mythology>

10. This structure was located near another that was topped with a crown and dedicated to the “Unconquered Sun.” This was the largest structure where events called munera were held. Before a 1349 earthquake destroyed much of this structure, it was fortified by the Frangipani family. Underneath this structure, a series of tunnels called the hypogeum were built. During events called (*) naumachiae, this structure was filled with water so ships could move around in it. This structure was named for a massive statue of Nero, and it was built by rulers of the Flavian dynasty starting with Vespasian. For 10 points, name this largest amphitheater built by the Romans, which still stands today in Rome.

ANSWER: The Colosseum [or the Flavian Amphitheater] <Gollamudi - Ancient/Other History>

11. **The two-block settlement of Forget along Highway 13 in this country apocryphally attracts thousands to view its pastoral landscape passed through by time. The northernmost of the two remaining nesting sites of the Whooping Crane can be found in this country's Wood Buffalo National Park. A city with the airport code YYC in this country suffered a 2013 flood along the Bow and Elbow rivers. The Valley of the Ten Peaks can be found near Jasper National Park in this country, which is connected to (*) Banff National Park. The prehistoric Lake Agassiz ["ah-gah-zeez"] is a remnant of a lake in this country named by the Red River Colony. The cities of Prince Albert and Regina are located south of this country's heavily sought Athabasca Oil Sands Deposit. For 10 points, name this North American country that contains a trio of "Prairie Provinces," the easternmost of which, Manitoba, borders Hudson Bay.**

ANSWER: Canada <Ganeshan - Geography>

12. **A siege conducted by this general apocryphally resulted in the brutal bashing of Arthur Aston's skull with his own wooden leg. This leader was able to retain one position as a notable exception to the Self-Denying Ordinance. The Eleven Years' War was interrupted by an invasion of this leader. This leader, who reversed a policy of Edward I by reallowing Jews into England, brutally sieged the town of (*) Drogheda. While serving with Thomas Fairfax, this leader won a major victory at Marston Moor, and he later won the Battle of Naseby while commanding part of the New Model Army. For 10 points, name this Lord Protector of England who defeated royalist Cavaliers in the English Civil War.**

ANSWER: Oliver Cromwell <Crowell - European History>

13. *Note to players: we are looking for a GROUP of characters, not an individual. One of these characters survives an electric shock while lost in a military dog tracking unit and is persecuted due to his leadership of the group "M.C.C." The grandmother of a male one of these characters often referred to as "Reverend Mother" has a habit for referring to things as "whatsitsname." A silver spittoon hits one of these characters in the head, eventually giving him amnesia. One of these characters works at the Braganza Pickle Factory along with (*) Mary Pereira, who switches two of them at birth. The grandparents of the protagonist of a novel titled for them fell in love after examining each other through a perforated sheet. One of these characters falls in love with a girl nicknamed "The Brass Monkey" and rivals another one of them named Shiva "of the Knees." Saleem Sinai is one of, for 10 points, what superpowered children born on the date of India's independence who title a Salman Rushdie novel?*

ANSWER: Midnight's Children [accept children born on India's Independence or Partition, prompt on characters from Midnight's Children, accept the main characters from Midnight's Children] <Ganeshan - World Literature>

14. **Recent findings concerning this event include the discovery of the Qingjiang ["CHING jee-YANG"] and Ediacaran biotas. The argument that fauna during this event relied heavily on "contingency" to survive was put forth by Stephen Jay Gould; he provided evidence for that theory about this event by examining a soft-tissue-containing *lagerstätten* collection discovered by Charles Wallcott called the (*) Burgess Shale. Unusual characteristics found in *Wiwaxia* plants that lived during this event led to the formulation of the theory of punctuated equilibrium. Most metazoans underwent diversification during this event, and the fossil record of this event is characterized by the appearance of trilobite species. For 10 points, name this period during which complex phyla rapidly appeared, which is named for the geological period during which it occurred.**

ANSWER: Cambrian explosion [or Camrian radiation, accept Cambrian period] <Tegulla - Other Science>

15. **In an aria from Act 2 of this opera, a soprano claims "You feel as if you're dying" after boasting "the scent of desire is all around me." Two characters in this opera fall in love during the aria "O suave fanciulla," which is sung shortly after one of those characters discreetly blows his lover's candle out and sings of her cold hands in the aria "Che gelida manina." While in the café Momus, another soprano in this opera attempts to woo a former love interest as she sings (*) "Quando me'n vo'," which is otherwise known as her namesake waltz. In this opera, Colline and Marcello aid in Musetta's attempt to purchase medicine for the central character in the Latin Quarter of Paris. For 10 points, name this opera that follows the love between Rodolfo and the tuberculosis-stricken Mimì, a work of Giacomo Puccini.**

ANSWER: *La bohème* <Crowell - Other Fine Arts>

16. **This event occurred two years after a similar one involving a group called the Vanguard that began when a woman threw coffee at a police officer in the Tenderloin district. This event is annually celebrated on Christopher Street. After this event, an organization called STAR was co-founded by Sylvia Rivera and Marsha P. Johnson. Rumors held that the recent death of (*)** Judy Garland triggered this event, which occurred at a business owned by the Genovese crime family. Protestors in this event burned garbage and formed a kick line to oppose members of New York police who had raided a bar. For 10 points, name this 1969 event that began the modern gay liberation movement in the U.S.

ANSWER: **Stonewall** riots [accept clear equivalents] <Kher - American History>

17. **A couple is poisoned with a Brazilian toxin by Baron Montes in a story by this author where one character poses as Delilah for a Polish sculptor. The title character of a novel by this author is given gold coins every birthday by her father which pays for her cousin's trip to India. Characters in another novel by this author add the suffix "rama" to the ends of words before the criminal Trompe-La-Mort ["Trahmp la-more"] is identified by a tattoo on his shoulder. A part-animal object created by this author that shrinks when granted a wish eventually leads to the demise of Raphael. At Madame Vauquer's ["vough-care"] boarding house, an elderly (*) vermicelli-maker created by this author meets the criminal Vautrin ["vough-trahn"]. This author's characters including Cousin Bette and Eugene de Rastignac ["yoo-zhan day rahs-tin-yahe"] were included in his magnum opus. For 10 points, name this French author whose "Pere Goriot" is incorporated in his cycle "The Human Comedy."**

ANSWER: Honoré de **Balzac** <Ganeshan - European Literature>

18. **He's not Vivaldi, but this composer set the Latin text of Psalm 110 to music in his work *Dixit Dominus*. An *ad libitum* solo for side drum follows a Bourrée in a movement marked *Largo alla siciliana* in one work by this composer. That work includes the movements "La Paix" and "La Réjouissance." The D major second suite of another work by this composer includes an (*) "Alla Hornpipe" second movement that premiered on a barge in the river Thames. An oratorio by this composer is most famous for a chorus that repeats phrases like "and he shall reign for ever and ever." For 10 points, name this German-born composer of *Music for the Royal Fireworks* and *Water Music* who featured the "Hallelujah" chorus in his oratorio *Messiah*.**

ANSWER: George Frederic **Handel** <Morales - Auditory Fine Arts>

19. **Mean field theory predicts that the behavior of systems undergoing these phenomena follow a set of critical exponents, as is exemplified by the two-dimensional Ising model. One of these phenomena occurs at a value equal to the product of molality and the cryoscopic constant, and the point at which these phenomena occur are minimized in eutectic compositions. The slopes of curves which represent conditions at which these phenomena occur are calculated using the (*) Clausius-Clapeyron ["CLAW-see-us CLAP-ay-ron"] relation. First-order and second-order types of these phenomena differ in whether or not they require latent heat. The utility of tungsten in lightbulb filaments relies on it undergoing one of these phenomena at the highest temperature of all elements. For 10 points, name these phenomena, examples of which include boiling and freezing.**

ANSWER: **phase transition** [accept **phase change**; accept all specific phase transitions like **melting** and **freezing**] <Tegulla - Chemistry>

20. **On one holiday, the Ma'oz tzur ["ma-o tzur"] is sung and two prayers are said following the preparation of these objects. The Yahrzeit ["yar-TZAIT"] one of these objects is used to remember the dead in Judaism. In order to follow the commandments of zachor [zuh-HORE] and shamor, a practice involving these objects is performed weekly. The Havdalah ceremony which marks the end of Shabbat involves the use of spices and a (*) braided one of these objects. The woman of the household uses these objects 18 minutes before Shabbat on Friday nights at least two times. The shamash is one of these objects used to light eight others symbolizing the nine nights of Hanukkah. For 10, name these wax objects placed in menorahs and namesake "sticks."**

ANSWER: **candles** [prompt on **menorahs** with "what objects do they hold?"] <Morales - Religion>