## Cardinal Classic XI

Packet by UC-Davis A
Round 6

## TOSSUPS:

1. It is the most widespread African-based faith in the greater Caribbean basin, with variants including Candomble in Brazil (*). The deities Yemaya and Chango appear in its Cuban form, Santeria. FTP name this religion and people, originally from western Nigeria.

Answer: _Yoruba_
2. Site of the world's greatest gold concentration, this highland region forms the watershed between the Vaal and (*)Limpopo rivers. Economically centered around Johannesburg, FTP name the region, the last four letters of which give name to the nation's currency.

Answer: The _Witwatersrand_ (prompt on "Rand")
3. This work was originally intended to be a monumental work about the Decembrist revolt (*). At the end of the work, one of the actual heroes of the revolt, Nikolay Volkonskiy, is still a small child being brought up by his aunt Marie and her husband Nikolay Rostov after his father, Prince Andrey Volkonskiy, is mortally wounded at the battle of Borodino. FTP, name this novel by Tolstoy.

Answer: _War and Peace_("Voyna i mir")
4. This theoretical particle is the carrier of an all pervading fundamental field which is a scalar. The field, which has a higher energy when it is zero than when it is nonzero, has a key role in the $\left(^{*}\right)$ electroweak theory. The particles, are purported to account for the existence of mass. FTP, name this yet to be detected particle, nicknamed the "God Particle."

Answer: The _Higgs_particle
5. Typically containing a phenyl group connected to an amine ring, this class of plant secondary compounds (*) includes a range of drugs from the antimalarial quinine to illicit psychotropics such as LSD. FTP name this class of compounds, whose name comes from the basic, bitter character of the chemicals.

Answer: _alkaloid_s
6. This German born pscychologist wrote that man had become estranged from himself in the American consumeroriented industrial society in the 1955 work, The Sane Society. In his first major work, Escape from Freedom, he charted the progress of man's self-awareness from the middle ages in psychoanalytical terms. FTP, name this former disciple of Freud, author of The Dogma of Christ and Other Essays on Religion, Psychology, and Culture.

Answer: Erich _Fromm_
7. Addressing issues of race, immigration, law enforcement, and incest, this 1996 John Sayles film (*) was nominated for one Academy Award for writing. Focusing on Rio County sheriff Sam Deed's investigation of a murder, FTP name this Texas border epic starring Chris Cooper.

Answer: _Lone Star_
8. Some scholars think books 7 and 8 of this work should have come right after book 3 . This is because at the end of book 3 , the author says he will next discuss the best regime $\left(^{*}\right)$, a discussion which is in books 7 and 8 . For ten points, name this work, which evaluates regimes and constitutions, with an emphasis on democracy written by Aristotle.

Answer: The Politics
9. He was the author of several whimsical plays popular in the 1920's, including Mr. Pim Passes By and The Dover Road (*), as well as a few novels of contemporary life and the detective story The Red House Mystery. FTP name the author who is best known, however, for the juvenile verses and stories he wrote for his son, Christopher Robin.

Answer: A.A. _Milne_
10. It first encouraged southern blacks to move to the industrial north in 1905 and featured editorials by its founder, Robert Sengstacke Abbot (*) demanding full equality for African Americans. With contributors such as Gwendolyn Brooks and Langston Hughes, FTP, name this Midwestern African-American newspaper.

Answer: The _Chicago Defender_(prompt on a partial answer)
11. It was sometimes called the "Cafe Max" or "Cafe Marx" by its students. Founded in Weimar Germany and in exile during World War II, this sociological institute pioneered dialogic criticism (*). Thinkers such as Adorno, and Marcuse extended Marxism to form Critical Theory here. For ten points, give the better-known name of the Institute for Social Research.

Answer: _Frankfurt School_(accept _Institute for Social Research_early)
12. Deriving from the latin for "to fall", ond distinctive type was developed by Landini. The three principle types are the $\left(^{*}\right)$ deceptive, half and perfect. FTP, identify the musical term which refers to the closing air or tune of a song, or of a phrase or movement within the composition.

Answer: _cadence_
13. Awarded the American Film Institute's Lifetime Achievement Award in 1974, this actor played Lon Chaney (*) in Man of a Thousand Faces and became a star after playing a gangster in The Public Enemy. Best remembered for his tough guy roles, FTP name this man who won an Oscar for his portrayal of George Cohan in Yankee Doodle Dandy.

Answer: James _Cagney_
14. Born in 1917, this writer's first novel detailed the despair of solidier's lives in The Train Was on Time (*). He attacked journalistic ethics in his 1974 novel, The Lost Honour of Katharina Blum. FTP, identify this German novelist, the 1972 nobel prize winner in literature, best known for his novel, The Clown.

Answer: Heinrich Theodor _Boll_
15. This director made his American film debut with 1971's Taking Off, a comedy about the generation gap between a runaway girl and her parents. He had already established his reputation with the 1965 work, Loves of a Blonde. This (*) Czech director won an academy award for his adaptation of the Ken Kesey novel One Flew Over the Cuckoo's Nest. FTP name this man, the director of Amadeus.

Answer: Milos _Forman_
16. Reaching its height in the 2nd millenium BC at cities such as Phaestos and Mallia, it was one of the three principal cultures of Aegean civilization; the other two are the Cycladic culture and the Mycenaean. FTP name this culture, also centred at Knossos, which developed on the island of Crete.

Answer: _Minoan_
17. This singer, who adopted her stage name after marrying another singer named Chuck (*), moved to New York City in 1967 and signed a contract with music executive David Geffen. Her albums include Hejira and Mingus. FTP, name this Canadian who first received acclaim for her first album, Songs to a Seagull.

Answer: Joni _Mitchell_
18. He was appointed attorney general of New York in 1789 and served as a U.S. senator from 1791 to 1797. He was a leader of the old Republican Party ( ${ }^{*}$ ) a position that brought him into conflict with his professional rival who was a Federalist leader. FTP name this third vice-president of the United States.

Answer: Aaron _Burr_
19. Twice banned in the 19th century for its revolutionary associations, this song got its name when it was adopted by troops from a southern coast city who took part in the storming of the Tuileries $\left(^{*}\right)$ in the country's capital. FTP what is this song, written in 1792 by Claude Joseph Rouget de Lisle of France?

Answer: La _Marseillaise_
20. Built from the 4 th millenium BC to 600 BC and constructed of mud brick and often faced with glazed brick, they rose is stepped stages (*) to a small temple or sanctuary at the peak, and could be found in Mesopotamia.
FTP name these Babylonian temples.
Answer: _Ziggurat_s
21. Found in most temperate seas, this type of marine snail's muscular foot is a popular seafood dish in Japan $\left(^{*}\right)$ and on the Pacific coast of the United States. Sometimes called an "ear shell" the colorful shell of, FTP, which animal is often used to make costume jewelry?

Answer:_Abalone_or_Mother-of-Pearl_
22. Usually in two-four time, it is characterized by syncopated melodies over a regularly accented bass. This American music genre reached its greatest popularity between 1897 and World War I $\left(^{*}\right)$ and has roots in minstrelshow plantation songs, cakewalks, banjo playing and black folk music. FTP, name this genre whose outstanding composers include Thomas Turpin and Scott Joplin.

Answer: _rag_time
23. Possession of the two areas now known as the Oberland and the Unterland entitled Prince Johann Adam Andreas (*) membership in the Assembly of Princes at the Imperial Court of the Holy Roman Empire in 1719. FTP name this principality, created by the purchasing and union of the Counties of Schellenberg and Vaduz.

Answer: _Liechtenstein_
24. This English scholar was responsible for the chapter divisions in the Old Testament still used today. Pope Innocent III made him a cardinal in 1206, and soon after he became Archbishop of Canterbury (*). But he was excommunicated in 1215 for siding with the barons at Runnymede. For ten points, name this first witness to the Magna Carta.

Answer: Steven _Langton_
25. The loving would begin ten years before the flood and might be refused until the conversion of the Jews. However, as times winged chariot is hurrying near, and none embrace in the grave, the poet urges his beloved to roll all strength and sweetness into one ball and make the sun run. FTP, name this carpe diem poem by Andrew Marvell.

Answer: _To His Coy Mistress_
26. This $19^{\text {th }}$ century Mathematician and physicist developed a law of viscosity for the motion of a solid sphere in a fluid. Appointed to the Lucasian chair of mathematics at Cambridge in 1849, FTP, name this man whose name is attached to a basic theorem of vector calculus relating the area integral of the curl to the line integral in free space.

Answer: Sir George Gabriel _Stokes_

## REMOVED TOSSUPS

## REPLACE

3. The son of a bankrobber of the Wild West, this left-wing Salvadorean poet $\left(^{*}\right)$ was known for his politically charged works. FTP name this revolutionary who ultimately died in 1975 at the hands of his ideological allies.
answer: Roque _Dalton_

## REPLACE

6. Although his critique of American cultural imperialism won him numerous supporters, Dorfman's highly charged political message forced him to leave Chile while Pinochet came to power. Interspersed with satirical cartoons ${ }^{(*)}$, the book got Dorfman into hot water for telling us FTP "how to read" this U.S. cartoon character.
answer: _Donald Duck_

## REPLACE

8. According to the Old Testament, he died in the wilderness and was buried on Mount Hor (*) in Edom. He angered Moses by making a golden calf for the people to worship. FTP who was this first high priest of Israel?
answer: _Aaron_

## REPLACE

11. The name familiar to us is said to come from a newspaperman's translation of the Tibetan "Metoh Kangmi" (*), while the name we are looking for probably meant "all-devouring creature" to the Serpa tribespeople of Nepal. FTP, what is the name of this kin to the Loch Ness Monster?
answer: _Yeti_(do not accept Abominable Snowman)

The most common size is the prima, which is strung with a metal A and two nylon E's and is popular in Eastern Europe (*). A member of the lute family it has a triangular body and is basically flat. FTP name this
instrument developed by the nobleman Andreyev in the late 18th century.
answer: _balalaika_

## REWRITE

Causing arthritis, cirrhosis, diabetes, and even death, this most common genetic disorder (*) can only be cured by blood-letting. FTP what is this disorder caused by a build-up of excess iron in the body's tissues.
answer: _hemochromatosis_

Highlighted by mammoth spectator mounds, sandy "waste areas" and Scottish links-type bunkers, it's Stadium Course has water on all 18 holes. Consistantly ranked among Florida's top golf courses $\left(^{*}\right)$ it's the home of the PGA's Player's Championship. FTP name this club whose most famous hole is the par-3 17th with an island green.
answer: The TPC at _Sawgrass_
"I have gathered a posie of other men's flowers, and nothing but the thread that binds them is mine own." (*) was said in reference to his most famous work, which now is a compilation of over 11,000 nuggets. FTP name this creator of Familiar Quotations.
answer: John _Bartlett_

Although his stay in office was a short one, 10 months, this man made history when, in 1923, he became the first Labour (*) prime minister of Great Britain. FTP, name this man who shares his first name with a brand of condoms and his last with a restaurant clown.
answer: Ramsey _McDonald_

It is the square root of the sum of the number of Jules Vernes' Leagues Under the Sea, the year of A Space Odyssey, and the number of points in the batting average called the Mendoza line $\left(^{*}\right)$. FTP, what is this number, one less than the square root of 22,500 ?
answer: _149_

## REPLACE Boll?

14. His works explore the impact of European culture on African society, and he is noted for his unsentimental, often ironic books which vividly convey the traditions and speech of the Ibo people ( ${ }^{*}$ ) of Nigeria. FTP name this author who condemned Conrad's Heart of Darkness as a racist text and also authored Things Fall Apart.
answer: Chinua _Achebe_

## REPLACE

21. He was awarded the Nobel Prize for literature in 1982 and was formally
invited back to Colombia $\left({ }^{*}\right)$ in the early 1980's to mediate between that country's government and leftist rebels. FTP name this master of magic realism, the author of No One Writes to the Colonel and One Hundred Years of Solitude.
answer: Gabriel Garcia _Marquez_

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## BONUSES

1. FTP each, answer the following about anthropology:
(10) Considered to be one of the founders of the field, this Columbia professor conducted fieldwork with the Kwakiutl and Inuit.
answer: Franz_Boas_
(10) Boas built his early anthropological reputation largely on ethnological studies of these indigenous people of British Columbia.
answer: _Kwakiutl
(10) His work in the 1960's on genetics and kinship of the Yanomamo has been a source of recent controversy. answer: Napoleon _Chagnon_
2. FSNOP, give the decade each of these events in the history of Portugal and its empire occurred.
(10) : Any decade of Hapsburg Captivity
answer: accept any decade between 1580 's to 1640 's, inclusive
(15): Albuquerque's Capture of Goa
answer: _1510's_
(5): Treaty of Tordesillas
answer: _1490's
3. How well do you know your invertebrates? Given an invertebrate, you will receive 10 points for naming its class. You can name the phylum instead for 5 points.
a) Millipede

Answer: _Diplopoda_(10),_Arthropoda_(5)
b) Tapeworm

Answer: _Cestoda_or_Cestoidea_(10), _Platyhelminthes_(5)
c) Sea anemone

Answer: _Anthozoa_(10),_Cnidaria_or_Coelentera_or_Coelenterata_(5)
4. Answer the following questions about the life of Achilles, for the stated number of points:
(10) For ten points, Achilles led what group of fierce warriors from Thessaly in the Trojan War?

Answer: _Myrmidions_
(5) For five points, all or nothing, who were Achilles' parents?

Answer: _Peleus and Thetis_
(15) After an argument with Agamemnon, Achilles rejoined the Greeks only after his best friend died and a female captive was returned to him. Name both of these people for 15 points, or one for 5 .

Answer: _Patroclus_ and _Briseis_
5. FSNPE, give the Pulitzer prize-winning works from authors.
(5): Alice Walker won for this novel
answer: _The Color Purple_
$(5,5)$ : For five points each, give the two works for which Norman Mailer won the Pulitzer.
answer: _The Armies of the Night_ and _The Executioner's Song_
(15) Anne Tyler won in 1989 for this work
answer: _Breathing Lessons_
6. Answer the following questions related to the papacy in the early $14^{\text {th }}$ century.
(10 and 10) The struggle between various European monarchs and the papacy for the control of the church spurred a pope to issued a 1302 declaration of papal authority. FTPE, name the document and the pope that issued it.

Answer: _Unam Sanctum_ and _Boniface VIII_
(10) Phillip IV of France forced this first Avignonese pope to annul the Unam Sanctum.

Answer: _Clement V_
7. Identify these World War I authors, each for 15 on the first clue and 5 on the second.
(15) In The Long Weekend he studies social and political developments following the "Great War".
(5) He is better known for Claudius the God and I, Claudius.
answer: Robert _Graves_
(15) "If ye break faith with us who die / We shall not sleep, though poppies grow" is from the last line of his most famous work.
(5) That poem is titled In Flanders Fields.
answer: John _McCrae_
8. Identify the following Alfred Hitchcock films, FTP each.
(10) In this Freudian fantasy famous for its dream sequences, psychiatrist Dr. Edwards arrives to head a mental asylum, but turns out to be a paranoid amnesiac imposter.

Answer: _Spellbound_
(10) Two young men, Brandon and Philip, strangle their friend David as an intellectual challenge to commit the perfect murder.

Answer: _Rope_
(10) Barry Kane travels the country seeking the enigmatic Mr. Fry, finally confronting the villain atop the Statue of Liberty.

Answer: _Saboteur_
9. Identify the following monarchs from the Houses of Lancaster and York, for the stated number of points:
(10) This "Crookbacked" king, responsible for murdering his two nephews, was killed at the Battle of Bosworth Field.

Answer: _Richard III_
(5) Married to Catherine of Valois, his victory at Agincourt was immortalized by Shakespeare.

Answer: _Henry V_
(15). This Yorkist leader was forced to flee to Holland by the Earl of Warwick, but returned to rule England until his death in 1483.

Answer: _Edward IV_
10. Name this writer, 30-20-10.
(30): As a playwright, her works include Isn't It Romantic?, Tender Offer,and Drive, She Said.
(20): Her screenwriting credits include The Sorrows of Gin and The Object of her Affection.
(10): She won both the Pulitzer and a Tony award in 1988 for The Heidi

Chronicles.
answer: Wendy _Wasserstein_
11. Answer these questions about horse racing's Triple Crown winners FSNPE.
(10) The number of Triple Crown winners
answer: _11_
(10) The decade with the most winners, 4: Whirlaway, Count Fleet, Assault and Citation
answer: _1940's
(5 and 5) The only time horses have won in back to back years was $1977-78$ when which two horse won?
Answer: _Seattle Slew_ and _Affirmed_ (five points per answer)
12. What do you know about the 1958 invention of the laser? Let's find out, FTPE
(10) At what Labs was the laser invented?
answer: _Bell_Labs
(10) Name either of the men who wrote the paper Infrared and Optical Masers, one a Bell researcher and one a consultant.
answer: Arthur L. _Schawlow_ and Charles H. _Townes_
(10) This is the redistribution of energy levels such that laser action can occur. It results in more atoms existing in higher energy states than lower ones.

Answer: _population inversion_
13. Answer the following questions about Roman history, FSNOP
$(10,10)$ Visigothic force augmented by the Ostrogoths annihilated a Roman force commanded by its emperor in 378. FTPE identify the battle and the Roman emperor who was killed on the battlefield.

Answer: _Adrianople_ and _Valens_
(10) Four years after the battle, this Roman, the successor to Valens as Eastern co-emperor, reached an agreement with the Goths exchanging supplies for military protection.

Answer: _Theodosius I_ or _Theodosius the Great_
14. Answer the following about Buddhist holidays FSNPE.
(5) : In Theravadin version is celebrated for 3 days from the first full moon day in April, while the Mahayana version starts on the first full moon day in January.
answer: _New Year_
(10) Thais hold this festival, based on a wild animal which, when caught, is harnessed to a tame one to train, on the third Saturday in November.
answer: The _Elephant_Festival
(15) Celebrated on the first full moon day in May, it is the traditional name of Buddha's birthday celebration.
answer: _Vesak_(accept also _Visakah Puja)
15. FTPE, identify these tall and thin African nations.
(10) According to travel guide Lonely Planet this nation is a "basket case" for turning to North Korea for aid and its Marxist generals and chemeleons are fresh out of the age of Dinosaurs.
answer: _Madagascar_
(10) This nation has recently been droughts, floods and a civil war. Its official language is Portuguese and its president is Joaquim Alberto Chissano.
answer: _Mozambique_
(10) Billed by tourist brochures as "the warm heart of Africa", it has its capital at Lilongwe and borders a large lake that shares its name with the country.
answer: _Malawi_
16. Answer the following questions related to a certain Roman writer, FTPE
(10) Considered by many to be second only to Plautus among Roman comic writers, his works include Adelphoe and The Brothers.

Answer: _Terence_
(10) Terence adapted the Greek New Comedy of this writer in such works as The Woman of Andros.

Answer: _Menander_
(10) Finally, Terence was influenced by this group of admirers of Greek literature named after their guiding spirit, a Roman general in the Punic Wars.

Answer: the _Scipionic_circle
17. FSNPE I will give you the college and you give me the mascot.
(5) Wake Forest
answer: _Demon Deacons_
(10) Dave Letterman's alma mater, Ball State
answer: _Cardinals_
(15): Southern Illinois
answer: _Salukis_
18. Answer the following questions about Jean-Baptiste Lully, FTPE
(10) Lully served as composer to this king of France.

Answer: _Louis XIV_
(10) From 1664 to 1671 , Lully collaborated with this writer on works such as Le Mariage Force and La Princesse d'Elide.

Answer: _Moliere_or Jean-Baptiste _Poquelin_
(10) In his ballets, Lully introduced this type of dance, which features an opening branle, followed by a courante, and gavotte.

Answer: _Minuet_
19. Answer the following questions about Cu Chulainn.
(10) The queen of Connacht who eventually caused Cu Chulainn's death.

Answer: Queen _Maev_or_Medb_
(10) The saga cycle in which Cu Chulainn is described.

Answer: _Ulster_Cycle or _Red Branch_Cycle
(10) Cu Chulainn's uncle, the king of Ulster

Answer: _Chonchobor_
20. Identify the directors of the following films on a $15-5$ basis.
(15) Die Nibelungen (1924) and Dr. Mabuse (1922)
(5) Metropolis (1927) and M (1931)

Answer: Fritz _Lang_
(15) Four Sons (1928) and The Iron Horse (1924)
(5) The Grapes of Wrath (1940) and How Green Was My Valley (1941)

Answer: John _Ford_or Sean Aloysius _O'Feeney_
21. Given a current quarterback in the NFL, identify the college where he played, FTPE (10) Brett Favre

Answer: University of _Southern Mississippi_or _Southern Miss_
(10) Aaron Brooks

Answer: University of _Virginia_
(10) Rich Gannon

Answer: _Delaware_
22. Answer these questions about the Euro FTPE:
(10) Late in 2000 this northern European country voted down a referendum on joining the common currency, adding to the Euro's woes.
answer: _Denmark_
(10) In October the Euro hit its lowest mark ever against the dollar, but has since recovered a bit. Within a cent and a half, how many cents was the Euro worth at its low point?
answer: accept any answer between 80.8 and 83.8 cents inclusive
(10) After 2650 years, this oldest currency became the 12 th to join the Euro on January 1, 2001.
answer: Greek _drachma_
23. Answer the following questions about a certain novel, FTPE
(10) Widely considered to be the greatest of all Chinese novels, it details the decline of the Chia family and focuses on the heir of the clan, Pao-yu.

Answer: _The _Dream of the Red Chamber _or __Hung Lou Meng_
(10) Name the author of the majority of the work

Answer: _Ts'ao Chan_
(10) Finally, the work presents a portrait of upper class life during what Chinese dynasty.

Answer: _Ch'ing _or _Manchu_dynasty
24. Answer the follwing questions from American History, FTPE
(10) This 1795 treaty with Spain accorded free navigation in the Spanish part of the Mississippi river for Americans.

Answer: _Pinckney_'s treaty
(10) This 1794 treaty opened trade between the US and England and helped assuage post war antagonisms.

Answer: _Jay_'s treaty
(10) This man served as secretary of state during the signing of Jay's and Pinckney's treaties, and was instrumental in their completion.

Answer: Edmund _Randolph_
25. Answer the following questions related to complex variables, $5-10-15$
(5) if some functon, f equals $u$ plus the product of $i$ and $v$, what term is applied to $u$ minus the product of $i$ and $v$ ?

Answer: complex _conjugate_
(10) let $z$ be a coordinate with real part $x$ and imaginary part $y$, then these relations state that the derivative of $u$ with repect to $y$ equals the derivative of $v$ with respect to $x$, where $u$ and $v$ are the real and imaginary parts of an analytic function.

Answer: _Cauchy-Riemann_equation(s) or relation(s)
(15) This theorem states that if $f$ is analytic inside and on a simple closed contour, then the integral of $f$ on that contour is zero.

Answer: _Cauchy-Goursat_theorem

## REPLACED BONUSES

## REPLACE

12. Identify the book, 30-20-10.

30: A film was adapted from this book about Isabelle Archer, a young
American woman living abroad in 19th century Europe.
20: The book was written by Henry James.
10: Nicole Kidman plays the lead female role in the film version.
answer: A _Portrait of a Lady_

## REPLACE

10. FTPE, give the following about the game of chess.

The number of possible opening moves.
answer: _20
The number of squares on the board where the knight has the maximum number of movement options, 8 , assuming no other pieces are in the way.
answer: _16
The number of squares on the board where the rook has the maximum number of movement options, 14 , assuming no other pieces are in the way.
answer: _64_

## REPLACE

22. FTP, Joseph Trela, Kim Hunt, Bob House, David Goodman, Dan Blonsky and John Carpenter are the only people to have done what on TV?
answer: win a _million_dollars on Who Wants to be a Millionaire
Carpenter got a million dollars, but you'll only get 10 points for knowing which U.S. president appeared on Laugh-In.
answer: Richard _Nixon_
Blonsky won by knowing the earth is an average of FTP, how many million miles away from the sun?
answer: _93_

## DISTRIBUTION

14. Identify the author, 30-20-10.

30: Mules and Men (1935), one of her best known folklore collections, was
based on her field research in the American South.
20: She greatly influnced the Harlem Renaissance writers of the 1930's, and her Tell My Horse (1938) described folk customs in Haiti and Jamaica. 10: Her best-known novel is 1937's Their Eyes Were Watching God.
answer: Zora Neale _Hurston_

## REPLACE

18. Identify this city, 30-20-10.

30: It was founded as Blacksnake Hills by Joseph Robidoux in 1826.
20: It had changed its name to this by the time it was incorporated in 1851, nine years before it became the eastern hub of the Pony Express.
10: A shortened version of its name is "On the School Bus" on the Marcy Playground album named after the band.
answer: _Saint Joseph_Missouri

## REWRITE (make easier)

5. Answer the following questions about tropical ecosystems FSNPE.

15 pts: In 1947 he created a life zone classification specifically devised to account for tropical ecosystems, based on two main factors. answer: L. R. _Holdridge_

5 pts each, and 5 extra for both: What two main factors are the basis for the Holdridge system?
answer: _temperature_ and _precipitation_(accept _rainfall)

## REPLACE

8. Give the word, 30-20-10.

30: In the Talmud the term refers to an unformed substance.
20: In Jewish legend it is the name given to an image or form that is given life through a magical formula.
10: In Tolkien's The Hobbit it is the creature with whom Bilbo Baggins plays a game of riddles.
answer: _Golem_(or golem)

## REWRITE (make easier)

13. Dianne Wiest is one of only two actresses ever to have won the Academy Award for Best Supporting Actress twice. The other actress completed the feat in 1965. First, FTP, name her.
answer: Shelley _Winters_
Now, FTPE, what two films did she win for, one in 1959 and the other, as stated, in 1965?
answer: _A Patch of Blue_ and The _Diary of Anne Frank_

## REPLACE/REWRITE

14. The Crusades began in 1096 and continued well into the 14th century. The third Crusade, a four year affair begun in 1189, was led by a trio of

Europe's most powerful monarchs. FTPE, name the leader from each of these countries involved.

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England
answer: King _Richard the Lion-Hearted_(prompt on partial)
France
answer: King _Philip II_Augustus (prompt on Philip)
Germany
answer: Emperor Frederick _Barbarossa_
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## REWRITE

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21. These questions are on Roman Emperors, FTPE.
He spanned the 23 year gap between Augustus and Caligula.
answer: _Tiberius_I
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He oversaw most of the building of the Colosseum, but died in 79 AD , a year before it was completed.
answer: _Vespasian_
Give any of the 22 years in the rule of Diocletian.
answer: any year between 284 and 305, inclusive.

## REPLACE/REWRITE

2. Identify this product, 30-20-10.

30: Hevea brasiliensis is the world's main natural source of this product.
20: It was the subject of a major U.S. government strategic collection effort during World War II due to the Japanese takeover of a certain southeast-asian peninsula.
10 : The product has a prominent role in the automotive industry.
answer: _rubber_

## REPLACE/REWRITE

3. Generalisimo Francisco France claimed to have a "fifth column" in operation when he and three other Fascist generals marched on Madrid in 1936. FTPE, name the three generals besides Franco who led the external "columns".
answer: Emilio _Mola_, Jose _Varela_, and Queipo _de Llano_

## REWRITE

16. Two part question: First, FTP name the 1930 Act which raised tariffs to an all-time high.
answer: _Smith-Hawley_Act
Now, F20P, name the vice president who was in office when this act was passed.
answer: Charles _Curtis_

## REPLACE

6. As you know, absolute zero in the lowest temperature theoretically
possible. FSNPE, give me (within 1 degree) the temperature of absolute zero on each of the following scales:

5 pts: Kelvin scale
answer: _0_(accept the highly unlikely answers of _negative 1_ and _1_)
10 pts: Celsius scale
answer: _negative 273.16_(accept _negative 273_or _negative 274_)
15 pts: Fahrenheit scale
answer: _negative 459.69_(accept _negative 459_or _negative 460)

## REWRITE

7. Everyone knows that Thomas Jefferson and John (not Thurgood) Marshall were early U.S. Secretaries of State. Now, FTPE, can you name the other 3 of the first 5 U.S. Secretaries of State?
answer: Edmund _Randolph_, Timothy _Pickering_ and James _Madison_
