

1998 Princeton BuzzerFest II
Round 6 Packet by UMCP A

1. As a result of this man's most famous achievement, he was named director of the Paris Observatory in 1854. Later in life, he organized the French meteorological service and set up an international weather warning scheme, but he is best known for calculating from the perturbations of the orbit of Uranus the position of an unknown planet found by Galle in 1846. FTP, who is this man who, independently of John Adams, discovered Neptune?

Answer: Urbain Jean Joseph _Leverrier_

2. In the foreground there is a bowl of oranges, a vase with two roses, and a number of assorted bottles. There may be two barmaids, or we may simply see one girl and her reflection; the blurry panorama in the background may be reflected in a mirror, and the man in the top hat at the upper right corner may represent the reflection of the artist, Edouard Manet. FTP name this 1882 painting.

Answer: A _BAR AT THE FOLIES-BERGERE_

3. It begins with "No-Name Woman," a story about the author's aunt, who drowned herself and her baby after giving birth out of wedlock. The next section, "White Tigers," is a retelling of the story of Fa Mu Lan. The third section, "Shaman," is a story about the author's mother, a medical doctor in China. Subtitled "Memoirs of a Girlhood Among Ghosts," this autobiographical work was published in 1976. FTP, identify this work by Maxine Hong Kingston.

Answer: The _WOMAN WARRIOR_

4. His preaching helped to convert St. Augustine. An opponent of Arianism, he convinced Emperor Gratian to outlaw heresy in the West. Originally a popular governor, he was made bishop by popular demand. FTP, identify this Bishop of Milan and Doctor of the Church.

Answer: Saint _AMBROSE_

5. After studying with Karl Jaspers, this German philosopher settled in the US and became the first woman to be appointed full professor at Princeton. Chief editor of Schocken books, her works include _On Revolution_ and the controversial _Eichmann in Jerusalem_. FTP, who is this political theorist and author of _The Human Condition_ and _The Origins of Totalitarianism_?

Answer: Hannah _Arendt_

6. Located 150 miles south of Cuba and 180 miles northwest of Jamaica, these islands were sighted by Columbus in 1503 and named Las Tortugas, but they were soon renamed for the indigenous marine crocodiles. FTP, name this British Crown Colony, a major

offshore banking center, whose capital is George Town.

Answer: _CAYMAN_ Islands (or _CAYMANS_)

7. On October 5, 1991, its first official release, version 0.02, was announced in a usenet post. This was the humble beginning for an operating system now distributed commercially by Red Hat and Caldera, but also freely downloadable off the Internet. FTP, name this UNIX variant developed by Linus Torvalds and thousands of others on the Internet.

Answer: _LINUX_

8. General manager Harry Domin was the title characters' first target. Even though she had fought for their rights they also killed Helena Glory. With their creators gone, they began to die, but two of them, Helena and Primus, showed the signs of love and the promise of continuing their species. FTP name this play, an attack on the mechanization of society published in 1920 by Karel Capek.

Answer: _RUR_ (Rossum's Universal Robots)

9. Referred to as the Home of Brightness, it is home to Bergelmer among others. The giant Ymir and his cow Audhumla were formed from the mixture of ice from Niflheim and flames from this territory south of the Ginnungagap, and this land's element makes up the Bifrosts red band. FTP name this domain guarded by Surt with a flaming sword, the land of fire in Norse myth.

Answer: _MUSPELHEIM_ (or muspelsheim)

10. He became the Soviet Union's natural-gas minister in 1985, and in 1989 he became chairman of the board of Gazprom, the state-owned natural gas conglomerate. His political fortunes looked their brightest in 1995 when he negotiated the release of nearly 1100 hostages in a hospital taken by Chechen rebels. FTP, name this politician, Russia's prime minister from 1992 to this March, who's recent renomination was rejected by the Duma.

Answer: Viktor _CHERNOMYRDIN_

11. Article 5 concerns the United States intention to improve sanitation and decrease infectious disease in the country concerned; article 7 requires the country to sell or lease land to the US; Article 2 releases the country from debts, and Article 3 releases the US from further obligations. Named after the Connecticut senator who sponsored it, it was added to the Army Appropriations Bill of 1901. FTP name this amendment that specified the nature of future US involvement in Cuba.

Answer: _PLATT_ Amendment

12. Samuel Ruben and Martin Kamen first discovered it around 1940, and recognized its potential as a research tool in photosynthesis. Melvin Calvin won a Nobel Prize in 1961 for the elucidation of his namesake cycle by using this isotope, but a more famous application had won Willard Libby the Nobel Prize a year earlier. FTP, what is this isotope used in the dating of objects of biological origin?

Answer: Carbon-14 or C-14

13. The Nannerl Septet, "Kegelstatt" trio, "La Battaille" contradanse, "Dissonant" string quartet, the opera Asconia in Alba, "Lodron" piano concerto, and the "Posthorn" serenade are all works by what 18th century Austrian composer of the Coronation mass, "Haffner" serenade, and "Prague" and "Jupiter" symphonies?

Answer: Wolfgang Amadeus Mozart

14. While a student of Walter Pater, this poet wrote the dialogue O the Origin of Beauty. His poems, including "Felix Randall" and "The Windhover," were first published by his friend Robert Bridges in 1918. FTP, who is this Jesuit priest and user of "sprung rhythm," best known for his "Wreck of the Deutschland" and "Pied Beauty"?

Answer: Gerard Manley Hopkins

15. The last of the Antonine line of emperors, this man was followed by Pertinax. The praefect Perennis and the crueler mercenary Cleander managed the government for most of his rule, as he was more interested in pleasurable pursuits. After indentifying with Hercules and renaming most Roman institutions after himself, he was strangled by a wrestler in 192. FTP, who is this emperor, the eldest son of Marcus Aurelius?

Answer: Marcus Aurelius Commodus Antoninus

16. Persistent symptoms may include irritability, insomnia, or hypervigilance. General responsiveness is often numbed; the patient often feels detached from others, has a sense of a foreshortened future, and is unable to remember important aspects of the trigger event. FTP name this disorder in which the patient reexperiences a violent event to which he originally reacted with horror, helplessness, and intense fear.

Answer: POST-TRAUMATIC STRESS Disorder/Syndrome

17. Knighted in 1812, he had essentially retired from science the next year at the age of 35. He did, however, later invent a safety lamp which would not ignite the methane gas in coal mines. He also determined chlorine and iodine to be elements. FTP, name this British chemist who used the newly invented voltaic pile to discover barium, potassium, calcium and sodium.

Answer: Sir Humphrey DAVY

18. She and her lover are offered asylum by Lord Edward Bomston, who later puts the lover aboard Admiral Anson's ship. The daughter of the Baron d'Etanges, she marries the elderly baron Wolmar, who later hires her former lover, Saint-Preux, as the tutor to their children. FTP name this heroine of a 1761 epistolary novel, in which she is compared to Pierre Abelard's lover, by Jean-Jacques Rousseau.

Answer: _JULIE_ ou la Nouvelle Heloise

19. Her story is retold in C.S. Lewis's novel "Till We Have Faces." Her beauty caused mortals to neglect Venus, so Venus asked her son to punish this woman by making her fall in love with a monster. However, he himself fell in love with her, and married her but came to her only at night so she couldn't see him. FTP, identify this mythological figure who spilled lamp oil on her husband Cupid when her curiosity got the better of her.

Answer: _PSYCHE_ (accept "Cupid & Psyche," since it's confusingly worded)

20. It elected Martin V as pope, deposed Benedict XIII and John XXIII, and accepted the resignation of Gregory XII. It lasted from 1414 to 1418. FTP, identify this council which ended the Great Schism.

Answer: Council of _CONSTANCE_

21. Its currency, the koruna, on the verge of being devalued. Its government credit was downgraded to junk bond status. It's applications to NATO and the European Union were shelved because of accusations that its government was trampling democracy. But the win by the opposition led by Mikulas Dzurinda in late-September elections may signal a turnaround. FTP, name this central European country, whose outgoing government was led by Vladimir Meciar.

Answer: _SLOVAKIA_

22. The name of this mountain range probably comes from the Old Persian for "foot of Mithra". Mostly in Tajikistan, it also extends into Afghanistan and China's Sinkiang province. The range is often called a "knot" because it is the point of convergence for the Hindu Kush, Kunlun, Karakoram and Tien Shan. FTP, name this mountain range, whose third highest peak is Communism Peak, the tallest in the former Soviet Union.

Answer: _PAMIR_s

23. It began at noon Eastern on August 31 with "Great Day America". It's network-owned affiliates, which reach 70% of American homes, broadcast new shows such as Phyllis George's "Women's Day" as well as reruns such as "Touched By an Angel". FTP, name this new family-oriented broadcast network, founded by Home Shopping Network's "Bud" Paxson.

Answer: _PAX_ Net or _PAX_ TV

24. Born in 1823 in South Carolina to a wealthy slaveholding family, she was the daughter of a politician, and her husband eventually became a U.S. senator. During the Civil War, her social circle included Jefferson Davis and his wife, as well as many other important figures in the Confederacy. FTP, identify this woman whose diary is an important source of information about Southern life and belief during the Civil War.

Answer: Mary Boykin Miller _CHESNUT_

25. Adam is on the far left and Eve on the far right. God is in the center at the top, with the Virgin on one side and St. John the Baptist on the other. In the lower panels, a variety of holy persons move toward the altar of the Lamb. Blood flows from the Lamb's heart into a chalice and toward a fountain in the foreground. Also known as "The Adoration of the Mystic Lamb," this work was begun by Hubert van Eyck and completed by his brother Jan. FTP, name it.

Answer: _GHENT ALTARPIECE_ (accept early "Adoration of the Mystic Lamb")

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Round 6 BONUSES by UMCP A

1. Name the architects of these early 20th century homes FTP each.

A) Casa Mila Answer: Antonio _GAUDI_

B) Villa Savoye Answer: _LE CORBUSIER_ or Jeanneret

C) Schroder House Answer: Gerrit _REITVELD_

2. Identify these two similar-sounding battles from the ancient world for fifteen points each.

A) The decisive battle in the war of the successors to Alexander the Great, an impulsive charge by Antigonos' son Demetrius is viewed as the cause of their defeat by Seleucus, Lysimachus, and Cassander in this 301 BC battle.

Answer: _Ipsus_

B) 32 years earlier, Alexander defeated Darius III in this battle, portrayed in a 1529 painting by Albrecht Altdorfer.

Answer: _Issus_

3. Identify these "C" terms from biology FTP each.

A) From the latin for "bark," this is the outer tissue of some organs, including the cerebrum and adrenal glands.

Answer: _cortex_

B) This is either an abnormal saclike growth, a capsule which some organisms secrete to protect themselves during resting stages, or even an all-purpose outer protective layer in some insects like Drosophila.

Answer: _cuticle_

C) This is the sheath around the young shoot of grasses.

Answer: _coleoptile_

4. 30-20-10-5 Identify the artist from clues.

30. Himself a student of Jean-Leon Gerome, this man's pupils included Henri, Henry Tanner, and William Glackens.

20. Also a noted photographer, during the last two decades of the 19th century he focused on portraiture, producing works like The Pathetic Song and Miss Amelia van Buren.

10. His most famous painting now resides in Jefferson Medical College in Philadelphia.

5. That painting is The Gross Clinic.

Answer: Thomas Eakins

5. Identify the authors of the following works on a 15/10 basis.

A) 15. Leaf Storm, 1955 10. No One Writes to the Colonel and The Autumn of the Patriarch

Answer: Gabriel Garcia Marquez

B) 15. "Red Leaves," 1931 10. Other stories in These Thirteen are "A Justice" and "A Rose for Emily."

Answer: William Faulkner

6. In late September, the Iranian President said "the matter" should be considered as "completely finished". "This matter" is the death sentence placed on Salmon Rushdie by the Ayatollah Khomeini in 1989. FTPE:

A) Name the president of Iran who made this statement.

Answer: Mohammed Khatami

B) What is the Islamic term used to describe this death sentence?

Answer: fatwa

C) What is Rushdie's latest novel?

Answer: The Moor's Last Sigh

7. Identify these constructs from the field of set theory FTP each.

A) This is defined as the set of all subsets of a set.

Answer: Power set

B) In the von-Neumann-Bernays interpretation, this is the collection of all sets.

Answer: _class_

C) A set A has this property if every member of a member of A is itself a member of A.

Answer: _transitivity_ or _transitive_

8. Identify these general classes of disorders which all begin with "A" for the stated number of points.

(5) This is the terms for disorders which lead to disruption in the production or comprehension of speech.

Answer: _aphasia_

(10) Rats whose lateral hypothalamus has been destroyed will suffer from this lack of desire to eat or drink.

Answer: _aphagia_

(15) Lesions in the cortical association areas can produce these disorders, which are serious disturbances in the initiation or organization of voluntary actions like waving or lighting a cigarette.

Answer: _apraxia_

9. FTPE, identify these American feminists.

A. Name either of the South Carolina sisters who converted to Quakerism and became the first women to speak publicly about slavery and women's rights.

Answer: _ANGELINA GRIMKE_ or _SARAH GRIMKE_ (must provide a first name)

B. She organized the League of Women Voters.

Answer: Carrie Chapman _CATT_

C. She helped found the Congressional Union for Woman Suffrage, which in 1917 became the National Woman's Party. After the passage of the Nineteenth Amendment, she worked for the passage of an equal rights amendment.

Answer: Alice _PAUL_

10. Answer the following questions about the recent German elections for the stated number of points.

(5) Identify Germany's new chancellor-elect.

Answer: Gerhard _SCHROEDER_

(5 each) Identify Gerhard's party, as well as the party of outgoing chancellor Helmut Kohl. You must specify which is which.

Answers: Schroeder = _SPD_ or _SOCIAL DEMOCRATS_ or _SOCIAL DEMOCRATIC PARTY_ Kohl = _CDU_ or _CHRISTIAN DEMOCRATS_ or _CHRISTIAN DEMOCRATIC UNION_

(15) Identify the liberal party which had been in a coalition with Kohl's CDU in the previous government, and had been a part of every government since 1969, but will not be in the new SPD-led coalition.

Answer: _FDP_ or _FREE DEMOCRATS_ or _FREE DEMOCRATIC PARTY_

11. Answer these questions for ten points each

A) For 10 points, in which Shakespeare play does the Jailer's Daughter help Palamon escape from prison?

Answer: The _TWO NOBLE KINSMEN_

B) For 10 points, what playwright collaborated with Shakespeare on "The Two Noble Kinsmen"?

Answer: John _FLETCHER_

C) For 10 points, on which Canterbury Tale did Shakespeare and Fletcher base "The Two Noble Kinsmen"?

Answer: the _KNIGHT_'s Tale

12. Identify the opera for 15 points given a well-known aria or for 5 points given characters.

A) 15: Un bel di

5: Cio-Cio-san (pronounced "Cho-cho-san"), Suzuki, Pinkerton

Answer: _MADAMA (or MADAME) BUTTERFLY_

B) 15: Voi che sapete (pronounced "voy kay sah-PAY-tay")

5: Count Almaviva, Susanna, Cherubino (kay-roo-BEE-noh)

Answer: Le - _NOZZE DI FIGARO_ or The _MARRIAGE OF FIGARO_

13. For 10 points each, identify these women whom Zeus loved.

A) This daughter of Atlas became the mother of Hermes.

Answer: _MAIA_

B) This daughter of Cadmus and Harmonia perished when she saw Zeus in his full glory as a god, but he was able to rescue their unborn son Dionysus.

Answer: _SEMELE_

C) Zeus visited this woman in the shape of her husband Amphytrion, a general. She became the mother of Hercules.

Answer: _ALCMENA_ or _ALCMENE_

14. Answer these questions about observational astronomy FTPE.

A) A small chip of semiconductor material that emits electrons when it absorbed light, these pixel-based detectors are very efficient and are used increasingly in telescopes.

Answer: _CHARGED COUPLED DEVICE_ or _CCD_

B) This observatory, located in Williams Bay, WI, was founded in 1895 in affiliation with the University of Chicago. It is a 40-inch refracting telescope, the world's largest refractor.

Answer: _YERKES_ Observatory

C) Radio astronomy was born in the 1930's when this Bell Telephone engineer detected radio waves emitted from the Milky Way.

Answer: Karl _JANSKY_

15. When territories become independent states, their names often change. Sometimes, their capitals' change names as well. Given the capital's colonial name, identify the capital's current name. You'll get 5 points if you need the country

A) 10 - Batavia 5 - Indonesia Answer: _JAKARTA_ B) 10 - Leopoldville 5 - Congo Answer: _KINSHASA_ C) 10 - Salisbury 5 - Zimbabwe
Answer: _HARARE_

16. Identify these works by Immanuel Kant for 10 points each.

A) This work states that all sense experience must be inherently rational and therefore rational knowledge about experience is possible.

Answer: _CRITIQUE OF PURE REASON_ or _KRITIK DER REINEN VERNUNFT_

B) In this work, Kant forms a philosophy of ethics based on the free will of man.

Answer: _CRITIQUE OF PRACTICAL REASON_ or _KRITIK DER PRAKTISCHEN VERNUNFT_

C) This work contains Kant's aesthetic philosophy and states that the artistic representation of a thing constitutes a partial understanding of the "thing in itself."

Answer: _CRITIQUE OF JUDGMENT_ or _KRITIK DER URTEILSKRAFT_

17. For 15 points each, identify these Japanese directors, none of whom are Akira Kurosawa.

A) This director's previous work includes "Nausicaa of the Valley of the Wind." He directed and wrote 1997's "Princess Mononoke" (moh-noh-NOH-kay), an enormous hit in Japan.

Answer: Hayao _MIYAZAKI_ (or _MIYAZAKI_ Hayao)

B) This star appeared in "Johnny Mnemonic." He directed the film "Hana-Bi" (HAH-nah-bee), or "Fireworks," which won the Golden Lion at the 1997 Venice Film Festival. Among his previous films are "Sonatine" and "Kids Return."

Answer: Takeshi _KITANO_ (or _KITANO_ Takeshi or Beat _TAKESHI_)

18. Identify the type of plant given a brief description FTPE.

A) These plants lack stems, leaves, roots, and vascular systems. They reproduce through a complex process known as "alternation of generations."

Answer: _Bryophyta_ or _Bryophytes_

B) Members of this largest phylum of algae are among the most primitive of plants. They are alternatively known as grass-green algae.

Answer: _Chlorophyta_ or _Chlorophytes_

C) This is the collective term for plants with vascular systems for carrying food and water throughout the body of the plant. It includes all trees and flowering plants.

Answer: _Tracheophyta_ or _Tracheophytes_

19. For 10 points each, identify these people.

A) This powerful group originally consisted of prisoners of war and Christian youths who were converted to Islam and trained for service to the Ottoman Empire. In 1826 Sultan Mahmud II had them massacred.

Answer: _JANISSARIES_

B) The progenitors of this Egyptian warrior class were slaves brought to Egypt in the tenth century. Between 1250 and 1517, their sultanate ruled Egypt.

Answer: _MAMELUKES_ or _MAMLUKS_

C) The Ottoman Turks overthrew the Mamluk sultanate but the Mamluks retained considerable authority. They were defeated again in 1811 by Napoleon and then ultimately in 1811 by this man, the pasha of Egypt.

Answer: _MUHAMMAD ALI_

20. Geography from hell. It's back, for a limited time only. Identify these geographic features, obvious on a map, but whose name may not be so obvious.

A) This is the passage between Cuba and Hispaniola.

Answer: _WINDWARD_ passage

B) This arm of the Pacific is bordered on the northwest by the Yellow Sea, on the north by South Korea, on the northeast by Japan, on the southeast by the Ryukyu Islands, and on the west by China.

Answer: _EAST CHINA_ Sea

C) This is the easternmost point in New York State.

Answer: _MONTAUK_ Point

21. This question writer has been told several times he looks like Dan Aykroyd. Identify the Dan Aykroyd film given his character FTP or from his co-stars for 5.

A) 10 - Dr. Raymond Stantz

5 - Bill Murray, Harold Ramis

Answer: _GHOSTBUSTERS_ (also accept "Ghostbusters II")

B) 10 - Mother

5 - Sidney Poitier, River Phoenix

Answer: _SNEAKERS_

C) 10 - Boolie Werthan

5 - Jessica Tandy, Morgan Freeman

Answer: _DRIVING MISS DAISY_

22. Identify these works of the Irish Renaissance FTP each.

1. Act III of this play, subtitled A Comedy and a Philosophy, contains the Don Juan in Hell sequence.

Answer: _MAN AND SUPERMAN_

2. Gypo Nolan sells out his best friend for 20 pounds in this Liam O'Flaherty novel.

Answer: The _INFORMER_

3. Lady Isabella Gregor's estate inspired this 1917 poem by W. B. Yeats.

Answer: The _WILD SWANS AT COOLE_

23. Name the novel from a list of characters FTP each, for 5 if you need the author.

A) 10. Major Scobie, Mrs. Rolt, Wilson, Yusef 5. Graham Greene

Answer: The _HEART OF THE MATTER_

B) 10. Mr. Singer, Mick Kelly, Jake Blount 5. Carson McCullers Answer: The _HEART IS A LONELY HUNTER_

C) 10. Captain Porteous, Effie Deans, George Staunton 5. Walter Scott Answer: The _HEART OF MIDLOTHIAN_

24. Identify these Fathers of our Country who were also fathers of illegitimate children FTP each.

1. Despite the negative publicity about having fathered a child by widowed shopkeeper Maria Halpin in 1874, he was elected President 10 years later.

Answer: Grover _CLEVELAND_

2. He and Nan Britton, 30 years his junior, conceived a daughter on a couch in his senate chambers in 1919. He also had a child by Susan Pearle as well as a childless affair with Carrie Phillips.

Answer: Warren _HARDING_

3. In 1987 Steven Brown sued this president's widow, claiming that a long-term affair between his mother, Madeline Brown, and the president had resulted in his birth.

Answer: Lyndon _JOHNSON_

25. Name these canonized monarchs FTP each.

1. This son of Blanche of Castile, who had built the Sainte-Chapelle, defeated Henry III of England in battle but was defeated and held for ransom in the crusades. He died of typhus in Tunis in 1270

Answer: _LOUIS IX_

2. The daughter of King Andrew II, this widowed queen of Thuringia fed and clothed the poor but died at age 24.

Answer: _ELIZABETH OF HUNGARY_

3. The son of Aethelred the Unready, he founded Westminster Abbey and exiled Tostig and Earl Godwin.

Answer: _EDWARD THE CONFESSOR_

26. Name the anthropologists given the peoples they studied for 15 points, or FTP from works.

A) 15. Trobriand Islanders 10. Argonauts of the Western Pacific Answer: Bronislaw _MALINOWSKI_

B) 15. Baffin Islanders, Indians of British Columbia 10. The Mind of Primitive Man
Answer: Franz _BOAS_