Packet by Bronson Messer

Tossups

1) Probably born about 1768 somewhere in Ohio, he died in 1813 at the battle of the Thames. A noted military leader, he organized a confederacy of tribes to resist US encroachment, but the defeat of his brother, the Prophet, at Tippecanoe, ended this military movement. FTP, name this famous Shawnee chief.

Ans: Tecumseh

2) Written about 1360, it is a weird romance wherein the title characters basically arrange times to slice each other's heads off. It is a long Middle English poem, contained in the same manuscript as <u>Patience</u>, <u>Purity</u>, and <u>The Pearl</u>. FTP, name this Arthurian romance, concerning the nephew of Arthur and his brilliantly colored foe.

Ans: Sir Gawain and the Green Knight

3) Type 1a (one-a) result from gravitational collapse in progenitors that have lost most of their hydrogen. Type 1b result from collapse of progenitors that have lost both their hydrogen and helium envelopes. FTP, name these cosmic lightshows, the most familiar of which are Type II, like SN1987a, that are believed to be the forerunners of neutron star birth.

Ans: Supernovae

- 4) Its pretext was a quarrel between Russia and France over the guardianship of Palestinian holy places. Turkey declared war on Russia after the latter had invaded Moldavia and Walachia. England, France, and Sardinia joined in later. FTP, name this war, particularly remembered for the battle of Balaklava and the celebrity of Florence Nightingale.

 Ans: Crimean War
- 5) He was obsessed with the thought of becoming the outstanding piano virtuoso of his day and spent long hours on trick exercises. One of them, which consisted of suspending the fourth finger of his right hand in a small sling while playing with all the others, pretty much crippled that finger and dashed his dream. FTP, name this German composer, whose wife, Clara Wieck, conveyed much of his work to the public during her popular concert tours.

Ans: Robert Schumann

6) As a child she showed unusual intelligence and was given an education and accorded special favors. She was received into aristocratic society in London and had fans from among some of the most influential figures of her day, including George Washington. Her 1773 collection, <u>Poems on Various Subjects</u>, is representative of much of her work. FTP, name this poet, chiefly of occasional poems, who is considered the first Black female writer in America.

Ans: Phyllis Wheatley

7) Known to have flourished about 4 million years ago in East Africa, many anthropologists believe that they are the ultimate ancestors of humans. FTP, name this hominid species, the most famous example of which is a female fossil found in Oldavai Gorge and named after a Beatles' song.

Ans: Australopithecus afarensis

8) Born in 1781 in Charleston, SC, he was a major force in the Classic Revival in 19th century America. Andrew Jackson appointed him architect of public buildings in Washington, DC in1836. FTP, name this architect of the US Treasury Bldg, the US Patent Office, and the Washington Monument.

Ans: Robert Mills

9) He was consul in 460 BC and dictator twice, in 458 and 439 BC. His name has been assumed by political columnists and given as a sobriquet to men like William Henry Harrison. FTP, name this Roman patriot, called from his plow to defend Rome from foreign invaders and an uprising of plebeians.

Ans: Cinncinnatus

10) It's no wonder he slept less than a bird, since he could hear the grass and the wool on a lambs back grow. I guess the Aesir figured this out too, and since they figured he'd be up when Ragnarok occurred, set him the task of waking them all up with a blast of his horn. FTP, name this Norse god, guardian of Bifrost.

Ans: Heimdall

- 11) Works include <u>The Interpreters</u>, a novel, <u>A Dance of the Forests</u>, <u>Death and the King's Horsemen</u>, and <u>The Invention</u>, all plays. FTP ,name this Nigerian, winner of the 1986 Nobel Prize in Literature, and playwright of <u>Kongi's Harvest</u>.

 Ans: Wole Soyinka
- 12) His equation relating entropy and the number of available states of a system is carved on his tombstone. The constant in that equation, denoted by k, bears his name and equals 1.38×10^{-23} joules per kelvin. FTP, name this Austrian physicist who killed himself in 1906.

 Ans: Ludwig Boltzmann
- 13) Bill Chambers and Chris Brust at NC Wesleyan College, Randy Wiel at UNC-Asheville, Jimmy Black at Notre Dame, Buzz Peterson at Vanderbilt, Jeff Lebo at South Carolina, and Matt Doherty at Kansas are some of the plethora of current college basketball coaches that played their college ball under this coach. FTP, name this man, whose more famous proteges include Roy Williams and Billy Cunningham.

Ans: Dean Smith (if buzz early, accept UNC)

- 14) Although it always sounded like a 50's doo-woop group to me, it is actually a nation composed of about 50 islands in the southeastern Caribbean. FTP, name this member of the Commonwealth with its capital at Kingstown.
 - Ans: St. Vincent and the Grenadines
- 15) On April 6, 1862, the Confederates routed Union troops under US Grant in a surprise attack. The next day Grant, with reinforcements from the Army of the Ohio counterattacked, causing the Confederates to withdraw to Corinth, Mississippi. FTP, name this Civil War battle that produced losses of over 100,000 for each side.

Ans: Shiloh

- 16) Born in St. Louis in 1884, she committed suicide in her apartment in New York City in 1933. Known for the mood-evoking and personal quality of her poetry, the books of her verse include <u>Helen of Troy</u>, <u>Rivers to the Sea</u>, and <u>Strange Victory</u>. FTP, name this American poet, whose verse collection <u>Love Songs</u> won the 1917 Pulitzer prize.

 Ans: Sara <u>Teasdale</u>
- 17) He served as Cuba's minister of industry from 1961-65 after serving as Castro's chief lieutenant in the revolution of 1959. FTP, name this political activist, guerrilla leader, and physician who was executed after his capture in Bolivia in 1967.

Ans: Ernest "Che" Guevara

18) He was trying to get to Tarshish, a city in the south of Spain near Gibraltar. He never made it. A terrible storm blew up and the crew of the ship he had booked passage on chucked him overboard. FTP, name this prophet who should have gone to Nineveh in the first place, thereby avoiding his little sojourn in the belly of a whale.

Ans: Jonah

19) The energy of the electrons in a metal at absolute zero, particles with odd-half-integer spin, and a unit of length equal to 10⁻¹⁵ ("ten to the negative 15th") meters are all named for this man. FTP, name this Italian-American physicist, winner of the 1938 Nobel Prize for Physics.

Ans: Enrico Fermi

20) His non dramatic poetry includes the collections <u>Epigrams</u> and <u>The Forrest(both 1616)</u>. His plays, marked by biting satire and intriguing plots include <u>The Alchemist, Volpone</u>, and <u>Epiocene</u>. FTP, name this English playwright and actor, whose most famous work might be his 1598 <u>Every Man in His Humour</u>.

Ans: Ben Jonson

21) Described variously in German folklore as house-spirits or gnomes that work in mines and forests, they are often associated with the Scottish brownie. FTP, name this supernatural creature that lent a form of its name to element number 27.

Ans: Kobold

- 22) This country has recently cultivated a booming eco-tourism venture based on the happy coincidence that it has the second largest coral reef in the world. It was the last British possession on the American mainland to achieve full independence. FTP, name this country, made fully independent in 1981, with its capital at Belmopan.

 Ans: Belize
- 23) The last paragraph of this work tells us that it was finished in the ninth year of the reign of Edward IV. It was printed by William Caxton in 1470. FTP, name this work by Sir Thomas Mallory, perhaps the most important source of Arthurian legend.

Ans: Morte d'Arthur

- 24) Take an equilateral triangle. At the center of each side append another equilateral triangle with sides half the size of the one they are attached to. Centered on the sides of each of the little triangles, do the same thing. Repeat. FTP, what kind of fractal will you end up with after this fairly simple procedure?

 Ans: Koch curve
- 25) It was an act of Parliament passed in 1628 and reluctantly assented to by Charles I. It provided, among other things, that no one should be imprisoned without cause and martial law could not be imposed. FTP, name this chief document of the English constitution.

Ans: Petition of Right

Packet by Bronson Messer

Boni

1) Given a subatomic particle, tell whether it is made up of 2, 3 or no quarks, 10 pts each.

a) proton
Ans: 3
b) electron
Ans: none
Ans: 2

2) The job of memorizing Shakespearean characters is lessened somewhat by the fact that some appear in more than one play. Let's see if you can identify a few. Given a character name the 2 plays they appear in for 10 pts each.

a) Edward IV

Ans: Henry VI, Part III and Richard III
Ans: Julius Ceasar and Antony and Cleopatra

b) Octavian
c) Richard III

Ans: Henry VI, Part III and Richard III(duh...)

3) The Oregon controversy was a centerpiece of American political life in the mid-19th century. Answer these questions about it for 10 pts each.

a) First, what phrase was used by US extremist in the controversy, referring to the recognized southern boundary of Russian America and where they believed US rights extended to.

Ans: Fifty-four forty or fight

b) Which US president used this phrase in his 1844 campaign.

Ans: James K Polk

- c) What line of latitude was the US-Canadian border finally set at?

 Ans: 49th parallel
- 4) Name the following religious holidays given a description, 5 pts each.

a) It is Groundhog's Day

Ans: Candlemas

b) It is the first day of Lent

Ans: Ash Wednesday

- c) It begins the 10 Days of Penitence for Jews and usually falls in September or October Ans: Rosh Hashanah
- d) It ends those same 10 Days of Penitence and is the Day of Atonement Ans: Yom Kippur
- e) In England it is called Whitsunday and comes 50 days after Passover Ans: Pentecost
- F) It is the "Twelfth Day of Christmas" and commemorates the baptism of Jesus Ans: Epiphany
- 5) Answer the following questions about the literature of the Indian subcontinent for the stated number of points.
- a) For 5 pts-This work is the longest poem in world literature. Written sometime between 200 BC and 100 AD, its 18 books primarily concern a dynastic struggle in the kingdom of Kurukshetra.

Ans: Mahabharata

b) For 5 pts-Contained within the Mahabharata, this religious classic of Hinduism is no longer available for free from Hara Krishnas in airports. Ans: Baghavad-Gita

c) For 15 pts-The Mahabharata is traditionally said to be the work of a single man. Name this sage.

Ans: <u>Vyasa</u>

d) For 5 pts- The oldest scriptures of Hinduism, their name means knowledge in Sanskrit.

Ans: Vedas

6) READER: Pass the photocopied "artwork" to the team.

You have in your possession images from my new Simpson's calendar. I hope they look hauntingly familiar. For 5 pts each, identify the artist to whom Matt Groening apologizes profusely in the calendar for each of the images you see before you. Make sure to tell the reader the number of the picture to which you are referring for each answer.

Ans: #1=Edvard Munch

#2=Rene Magritte
#3=Edouard Manet

#4=Andrea Mantegna

#5=Edward Hopper

#6=Roy Lichtenstein

7) Answer the following questions about the Anglo-Saxon kingdoms of Britain for the stated number of points.

a) For 5 pts- Alfred the Great was the king of what Anglo-Saxon kingdom?

Ans: Wessex

b) For 10 pts- Alfred rid Wessex of its principal invaders(for 7 years, anyway) by paying what tribute when he was crowned in 871?

Ans: the <u>Danegeld</u>

c) For 15 pts- In 796, this king of Mercia and Charlemagne signed the first recorded commercial treaty in English history.

Ans: Offa

8) Find the first derivatives with respect to x of the following functions, 10 pts each.

a) $3x^2 + 2x$

('3x squared plus 2x')

Ans: 6x+2

b) $\sin (x/2)$ ('sine of quantity x over 2')

Ans: $\cos(x/2)/2$

c) $3x/(x^3+1)$ (3x over quantity x cubed plus 1')

Ans: $3/(x^{3}+1) - 9x^{3}/(x^{3}+1)^{2}$

9) Name the philosophers who penned the following works for 5 pts each.

a) Either/Or

Ans: Soren Kirkegaard

b) On the Trinity
c) The World as Will and Idea

Ans: Augustine of Hippo Ans: Arthur Schopenhauer

d) Skepticism and Animal Faithe) Critique of Judgement

Ans: George Santayana Ans: Immanuel Kant

f) Being and Time

Ans: Martin Heidegger

10) Just to prove that Bronson did in fact write this round: Given a college or university, identify the nickname sported by its men's athletic teams, 5 pts each.

a) University of South Florida

a) Bulls

b) Manhattan College

b) Jaspers

c) University of Alaska-Anchorage

c) Seawolves

d) UC-Santa Barbara

d) Gauchos

e) Western Kentucky University

e) Hilltoppers

f) Drexel University

f) Dragons

11) Given the immediate predecessor of a Roman emperor, name that emperor. 5 pts each.

a) Domitian

Ans: Nerva

b) Severus

Ans: Caracalla

c) Numerianusd) Hadrian

Ans: <u>Diocletian</u>
Ans: Antoninus Pius

e) Galba

Ans: Otho

f) Otho

Ans: Vespasian Vitellius

12) I sure did love my collection of fossils when I was a kid. They were the closest thing I could get to dinosaurs, and it's pretty hard to break a rock! Answer these questions about my collection for the stated number of points.

a) First, for 5 pts, I don't have a single piece of this form of fossilized tree resin,

notorious for trapping prehistoric insects. Ans: amber

- b) Second, for 10 pts, my collection does contain several of a certain species of aquatic fossil. These marine inveterbrates were abundant in the Cambrian and Ordivician. Their name refers to a pair of furrows along the length of their bodies, dividing them into three sections.

 Ans: trilobite
- c) Last, for 15 pts, A whole lot of my fossils came from this river system of Utah and Wyoming. Fossilized remains of extinct fish are often found in the limestone and shale cliffs along its banks. Name it.

Ans: Green River

13) The airport is often the only view a lot of us get of a major city. Let's see how closely you pay attention when you make connections. Name the major city served by the following airports, 5 pts each.

a) Stapleton Airport

b) Gen. Edward Lawrence Logan International

Will Rogers World Airport

d) Sky Harbor

e) McCarran International

f) General Mitchell Field

Ans: Denver

Ans: Boston
Ans: Oklahoma City

Ans: Phoenix

Ans: Las Vegas

Ans: Milwaukee

14) The Hind and the Panther is a 1687 poem written in defense of Roman Catholicism. Answer the following questions about that work for the stated number of points.

a) First, for 5 pts, who wrote it?

Ans: John Dryden

b) Second, for 5 pts each, what 2 entities are represented by the hind and the panther?

Ans: Roman Catholicism and the Church of England(or equivalent)

- c) Last, for 15 pts, who makes an appearance in the poem in the form of a lion?

 Ans: James II
- 15) Acronyms are omnipresent in most technical fields, and physics is no exception. Given a physics related acronym and a short clue, tell me the words that make up that acronym, 10 pts each.
- a) SQUID, a device used in experimental condensed matter physics, especially surface science

Ans: Superconducting QUantum Interference Device

b) EPR, a form of spectroscopy

Ans: Electron Paramagnetic Resonance

c) QSO, a term from extra-galactic astronomy Ans: Quasi-Stellar Object

16) People always talk about the weather and, knowing a good thing when they hear it, authors often write about it. Identify the following weather related meterological tidbits for the stated number of points.

a) 10 pts- The alternate title of Wordsworth's The Daffodils

Ans: I Wandered Lonely as a Cloud

b) 10 pts- A German literary movement of the late 18th century the name of which derives from a play by Friedrich von Klinger.

Ans: Sturm and Drang or Storm and Stress

c) pts- A 1915 novel by D H Lawrence dealing with the Brangwen family.

Ans: The Rainbow

- d) by pts- A 1866 poem by John Greenleaf Whittier subtitled A Winter Idyl Ans: Snowbound
- 17) Italian political factions and families of the Middle Ages: a big damn mess! Answer the following for the stated number of points.
- a) First, for 5 pts each, name the two competing factions, one pro-German emperors, the other pro-Pope, which derived their names from war-cries heard at the battle of Weinsberg.

Ans: Guelphs and Ghibellines

b) Next, for 5 pts each, name the two branches of the Guelph family that engaged in a violent fued in Florence shortly before 1300.

Ans: Bianchi and Neri

- c) Last, for 10 pts, name perhaps the most famous member of the Bianchi, author of Convivo. Ans: Dante Alighieri
- 18) Name the composers of the following, 5 pts each.

a) Central Park in the Dark

Ans: Charles Ives

b) Song of the Earth

Ans: Gustav Mahler

c) <u>Bluebeard's Castle</u>

Ans: Bela Bartok

d) Alcestis

Ans: Christoph Gluck

e) The Pines of Rome f) Card Game Ans: Ottorino Respighi
Ans: Igor Stravinsky

- 19) Name the anthropologist from works, 30-20-10.
- 30- Magic, Science, and Religion(1948)
- 20- Crime and Custom in Savage Society (1926)
- 10- Argonauts of the Western Pacific(1922)

Ans: Bronislaw Malinowski

- 20) Identify the following related items from US history, 5 pts each.
- a) It was Franklin's choice for the national symbol. Ans: turkey
- b) The reproachful term during the Civil War for Southern sympathizers in the North.

 Ans: Copperheads
- c) US political party founded by Huey Newton and Bobby Seale
 Ans: Black Panther party
- d) The victorous leader in the battle of Little Bighorn.

Ans: Sitting Bull

- e) Thomas Nast's representation of the Columbian Society of New York City.

 Ans: Tammany <u>Tiger</u>
- f) The Union strategy in the Civil War centering on controlling the ports of the South and strangling the Confederacy from all sides

Ans: Anaconda plan

21) Let's see...I need a classical music bonus...Oh, to heck with it! Just name the French composers comprising the early 20th century group known as "Les Six," 5 pts each.

Ans: Georges <u>Auric</u>, Louis <u>Durey</u>, Germaine <u>Tailleferre</u>, Francis <u>Poulenc</u>, Darius <u>Milhaud</u>, and Arthur <u>Honegger</u>.

22) Given an element named for a place, identify the country in which that place is currently located, 5 pts each.

a) lutetium

Ans: France

b) strontium

Ans: United Kingdom (or Scotland)

c) hafnium
d) holmium
e) erbium
Ans: <u>Denmark</u>
Ans: <u>Sweden</u>
Ans: <u>Sweden</u>

f) magnesium

Ans: Greece

23) Identify the author from works, 30-20-10

30- This Peace(1938), an essay on European politics

20- The Transposed Heads and Mario and the Magician, both novels

10- Death in Venice

Ans: Thomas Mann

24) Name the county in which the following US cities lie, 5 pts each.

a) Chicago
Ans: Cook
b) Nashville
C) Phoenix
Ans: Maricopa
Ans: King
Ans: King

e) Tampa Ans: <u>Hillsborough</u>

f) San Antonio Ans: <u>Bexar</u>

25) Answer the following questions about the Austro-Prussian War for the stated number of points.

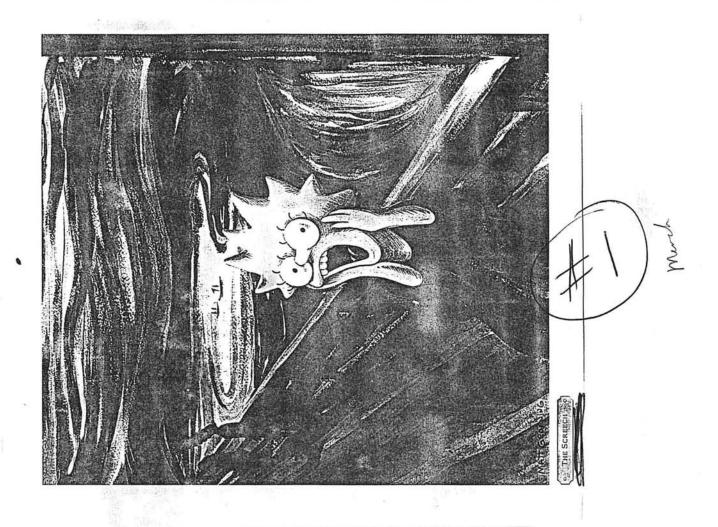
a) 5 pts-Who was the leader of Prussia during the war?

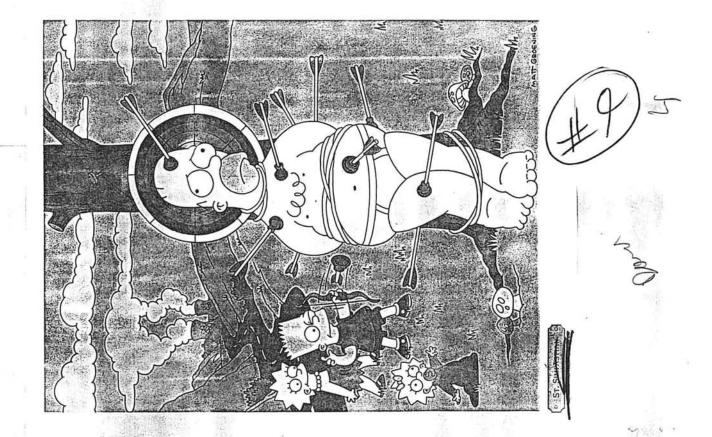
Ans: Otto von Bismarck

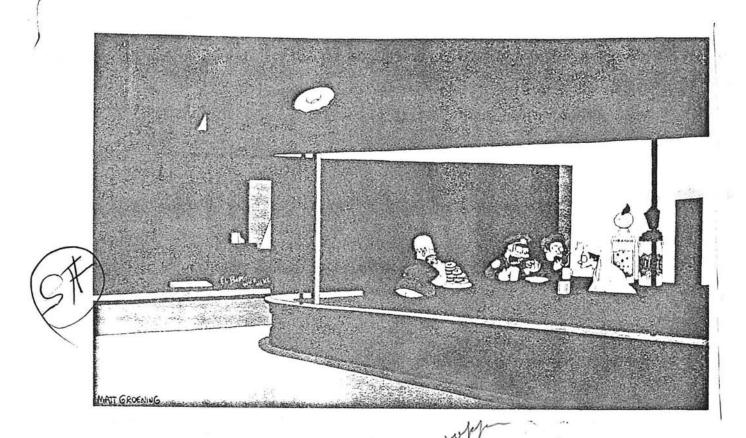
b) 10 pts- What treaty ended the war? Ans: Treaty of Prague

c) 15 pts- The pretext for the war was a dispute between Prussia and Austria over the administration of what region?

Ans: Schleswig-Holstein









mus

