

Washington University College Bowl
2nd Annual Gateway Invitational Tournament

Round 1 - Tossups

(Packet by Georgia State & Garden City A)

1. THIS YEAR IN HISTORY WAS THE YEAR OF MANY REVOLUTIONS IN EUROPE, MOST NOTABLE IN ITALY AND GERMANY. IT WAS ALSO THE YEAR THAT KARL MARX WROTE "THE COMMUNIST MANIFESTO". FOR TEN POINTS, WHAT WAS THIS YEAR?

ANSWER: 1848

2. THE NAME OF THIS STATE COMES FROM A NATIVE AMERICAN WORD FOR "LAND OF TOMORROW." DANIEL BOONE BLAZED TRAILS THERE IN THE MID-1700s, AND IT BECAME PART OF THE UNION IN 1792. FOR TEN POINTS, NAME THIS STATE WITH ITS CAPITAL AT FRANKFORT.

ANSWER: KENTUCKY

3. WATERMARKS, COLOR-SHIFTING INK, AN ENLARGED OFF-CENTER PORTRAIT AND A COMMON FEDERAL RESERVE SEAL WILL BE AMONG THE FEATURES INTRODUCED IN THE REDESIGNED 1996 SERIES. FOR TEN POINTS, NAME THIS TYPE OF CURRENCY, LAST OVERHAULED IN 1928, WHICH EXISTS IN DENOMINATIONS RANGING FROM ONE DOLLAR TO ONE HUNDRED.

ANSWER: PAPER MONEY (ACCEPT EQUIVALENTS)

4. HE WAS KNOWN BY SOME AS "THE GREATEST THOROUGHBRED OF ALL TIME." IN FACT, HIS ONLY SECOND PLACE FINISH, TO A HORSE NAMED UPSET, LED TO THE COINING OF A TERM FOR AN UNEXPECTED DEFEAT. FOR TEN POINTS, NAME THIS RACEHORSE OF THE 1920s.

ANSWER: UPSET MAN OF WAR

5. HISTORIAN DEE BROWN WROTE A BOOK WHERE IN THE TITLE HE ASKS THAT HIS HEART BE BURIED THERE. IN 1890, IT WAS THE SIGHT OF THE LAST MAJOR BATTLE BETWEEN NATIVE AMERICANS AND U. S. TROOPS. FOR TEN POINTS, NAME THIS SOUTH DAKOTA BATTLEFIELD.

ANSWER: WOUNDED KNEE

6. THIS U. S. PRESIDENT ONCE TOLD ABC NEWSCASTER DAVID BRINKLEY THAT HE REFUSED TO BE THE FIRST PRESIDENT TO LOSE A WAR. FOR TEN POINTS, NAME THIS MAN WHO ALSO REFUSED TO RUN FOR RE-ELECTION IN 1968 AFTER SUCCEEDING KENNEDY IN 1963.

ANSWER: LYNDON BAINES JOHNSON

7. "THERE WAS ABSOLUTELY NOTHING, NOTHING HAPPENED FROM OUR SIDE ON AUGUST 4, 1964." THOSE WORDS WERE SPOKEN BY GEN. VO GIAP IN A RECENT MEETING WITH FORMER SECRETARY OF DEFENSE ROBERT McNAMARA. GIAP WAS DENYING, FOR TEN POINTS, WHAT INCIDENT THOUGHT BY MANY TO BE THE SPARK OF THE VIETNAM WAR.

ANSWER: TONKIN GULF INCIDENT (ACCEPT: GULF OF TONKIN)

8. THE NAME OF THIS CHEMICAL ELEMENT COMES FROM THE GREEK WORD FOR "STENCH". FOR TEN POINTS, NAME THIS ELEMENT WITH ATOMIC NUMBER 35 AND CHEMICAL SYMBOL Br.

ANSWER: BROMINE

9. BORN IN 1685 IN HALLE, GERMANY; THIS COMPOSER WROTE MOST OF HIS MORE WELL-KNOWN WORKS WHILE LIVING IN LONDON. FOR TEN POINTS, NAME THIS COMPOSER OF THE OPERA "RINALDO" AND THE EVER-POPULAR "WATER MUSIC" AND "MESSIAH"

ANSWER: GEORGE FREDERIC HANDEL

10. THIS NAUTICAL DEVICE, CONSISTING OF 6 LOGS WHICH ARE CHAINED TOGETHER, IS USED AS A SHIP'S FENDER AND IS PLACED BETWEEN A MOORED SHIP AND IT'S PIER. FOR TEN POINTS, NAME THIS INSTRUMENT WHICH SHARES ITS NAME WITH A HUMPED ANIMAL AND BRAND OF CIGARETTES.

ANSWER: CAMEL

11. CHRIS LAYTON, TOMMY SHANNON, AND REESE WYNANS FORMED DOUBLE TROUBLE, THE BACKUP BAND FOR, FOR TEN POINTS, WHAT RECENTLY DECEASED BLUES/ROCK GUITARIST WHOSE HITS INCLUDED "TEXAS FLOOD", "CROSSFIRE", AND "THE SKY IS CRYING".

ANSWER: STEVIE RAY VAUGHAN

12. THIS DUBLIN-BORN BRITISH STATESMAN WROTE SUCH WORKS AS "REFLECTIONS IN THE REVOLUTION IN FRANCE" AND "LETTERS ON A REGICIDE PEACE" FOR TEN POINTS, NAME THIS MAN WHO, IN HIS WRITINGS, WAS SYMPATHETIC TO THE AMERICAN REVOLUTION.

ANSWER: EDMUND BURKE

13. THE PALMETTO BERRY, AN OLIVE SIZE FRUIT GROWING WILD IN GEORGIA AND FLORIDA HAS SOARED IN PRICE FROM 25 CENT TO \$3.50 A POUND IN THE LAST FEW YEARS. THIS AS A RESULT OF THE DISCOVERY THE BERRIES HAVE IN REDUCING SWELLING IN, FOR TEN POINTS, WHAT WALNUT-SIZED GLAND IN THE MALE REPRODUCTORY SYSTEM.

ANSWER: PROSTATE

14. WHEN IT GAINED ITS INDEPENDENCE IN 1960, ARCHBISHOP MARKARIOS BECAME ITS FIRST PRESIDENT. FOR TEN POINTS, NAME THIS ISLAND NATION, WHOSE GREEK AND TURKISH SECTIONS ARE SEPARATED BY THE GREEN LINE.

ANSWER: CYPRUS

15. ITS NAME IS TAKEN FROM THE CHINESE WORD FOR "HOUSE-SPARROW." USUALLY PLAYED BY FOUR PEOPLE, THE GAME USES 144 TILES, FEATURING DRAGONS, FLOWERS, CIRCLES AND CHINESE CHARACTERS. FOR TEN POINTS, NAME THIS GAME WHICH RESEMBLES DOMINOES.

ANSWER: MAH JONGG

16. ALTHOUGH HER NOW FAMOUS EXPERIMENTS WERE DONE MOSTLY IN THE 1940s AND EARLY 1950s, THEY DIDN'T RECEIVE MUCH ATTENTION FOR MANY YEARS. FOR TEN POINTS, NAME THIS NOBEL PRIZE WINNING GENETICIST KNOWN FOR HER LABORATORY IN COLD SPRING, NEW YORK AND RESEARCH ON TRANSPOSABLE GENES.

ANSWER: BARBARA McCLINTOCK

17. IF NOT FOR COLD FEET, THE SHOW WOULD BE GROUNDBREAKING. NETWORK EXECUTIVES PULLED A CONTROVERSIAL KISS AT THE LAST MINUTE; THEN THE OKLAHOMA CITY BOMBING FORCED THE REMOVAL OF A CLIFFHANGER EXPLOSION THAT ROCKED, FOR TEN POINTS, THE RESIDENTS OF WHAT TRENDY FOX TV SHOW?

ANSWER: MELROSE PLACE

18. THE AUTOPSY ON PATRICIA CASHMAN DID NOTHING TO CALM THE UPROAR SURROUNDING HER DEATH. TWO DIFFERENT DOCTORS DISAGREED, ONE SAYING SHE HAD BONE CANCER WHILE THE OTHER CLAIMED SHE WAS CANCER FREE. CASHMAN WAS, FOR TEN POINTS, THE 26TH PERSON TO HAVE BEEN ASSISTED IN SUICIDE BY WHAT FORMER PATHOLOGIST FROM MICHIGAN.

ANSWER: JACK KERVORKIAN

19. UNTIL THE DISCOVERY OF COPTIC TEXTS IN NAG HAMMADI, EGYPT, LITTLE WAS KNOWN ABOUT THIS EARLY RELIGIOUS SECT. FOR TEN POINTS, NAME THIS RELIGION, WHICH COMBINES CHRISTIANITY WITH NEO-PLATONISM.

ANSWER: GNOSTICISM OR THE GNOSTICS

20. HE WROTE "GOD IS TRANSCENDENT." FOR TEN POINTS, NAME THIS POPULAR MYTHOLOGY EXPERT, THE AUTHOR OF "*THE HERO WITH A THOUSAND FACES*" AND "*THE POWER OF MYTH*."

ANSWER: JOSEPH CAMPBELL

21. THIS FALL, CAL RIPKEN BROKE LOU GHERIG'S MARK OF 2130 CONSECUTIVE GAMES PLAYED. BUT, HE DOES NOT HOLD THE RECORD FOR MOST GAMES PLAYED AS A BALTIMORE ORIOLE. FOR TEN POINTS, NAME THAT PLAYER WHO WON 16 CONSECUTIVE GOLD GLOVES AS A THIRD BASEMAN AND RETIRED IN 1977.

ANSWER: BROOKS ROBINSON

22. ELECTED THE FIRST WHIG GOVERNOR OF NEW YORK IN 1834, THIS MAN WAS BETTER KNOWN FOR THE OTHER POSITIONS HE HELD IN POLITICS. ELECTED TO THE SENATE IN 1858, HE UNSUCCESSFULLY SOUGHT THE REPUBLICAN PRESIDENTIAL NOMINATION IN 1860. FOR TEN POINTS, NAME THIS MAN MORE FAMOUS FOR HIS PURCHASE OF ALASKA.

ANSWER: WILLIAM H. SEWARD

23. HE WAS FASCINATED BY THE ATMOSPHERIC CONDITIONS OF THE SAINT-LAZARE TRAIN STATION IN PARIS, INSPIRING HIS FAMOUS 1877 SKETCHES. FOR TEN POINTS, NAME THIS ARTIST BETTER KNOWN FOR HIS ROUEN CATHEDRAL & WHEATSTACKS SERIES, CURRENTLY BEING SHOWCASED AT THE ART INSTITUTE OF CHICAGO.

ANSWER: CLAUDE MONET

24. FOR A QUICK TEN POINTS, NAME THE CANADIAN WRITER, KNOWN AS A FEMINIST HEROINE, WHOSE WORKS HAVE INCLUDED "SURFACING," "HAPPY ENDINGS," "SURVIVAL," "THE CAT'S EYE," AND "THE EDIBLE WOMAN."

ANSWER: MARGARET ATWOOD

25. A \$ 100 MILLION AD CAMPAIGN -- ITS COMPANY'S BIGGEST AND SPLASHIEST EVER WILL SHOW OFF ITS RESIGN FROM A "JELLY-BEAN" SHAPE TO ONE ACCENTUATING OVALS. FOR TEN POINTS, NAME THIS BEST-SELLING CAR IN AMERICA FEATURING A NEW LOOK FOR ITS TENTH BIRTHDAY.

ANSWER: FORD TAURUS

26. BORN AND RAISED IN ST. LOUIS, HE HAS BECOME A PROLIFIC AUTHOR, WRITING BOOKS INCLUDING "SOPHIA: LIVING AND LOVING" AND "DORIS DAY: HER OWN STORY," AS WELL AS OVER NUMEROUS ARTICLES, SHORT STORIES, NOVELS AND PLAYS. FOR TEN POINTS, IDENTIFY THIS WRITER WHOSE FAMILY'S STRUGGLE WAS DEPICTED IN THE BOOK AND MOVIE "KING OF THE HILL".

ANSWER: A.E. HOTCHNER

27. THE FOUNDER OF THE INSTITUTE OF THEORETICAL PHYSICS AT THE UNIVERSITY OF BERLIN, HE WROTE ON MANY SUBJECTS INCLUDING THE PHILOSOPHY OF SCIENCE, THERMODYNAMICS AND ELECTROMAGNETICS. IDENTIFY, FOR TEN POINTS, THIS MAN, MOST WELL KNOWN FOR HIS DISCOVERY OF THE QUANTUM THEORY.

ANSWER: MAX PLANCK

Washington University College Bowl
2nd Annual Gateway Invitational Tournament

Round 1 - Boni

(Packet by Georgia State & Garden City A)

1. (20) IDENTIFY THESE PIONEERS OF ORGANIC CHEMISTRY FOR TEN POINTS APIECE.

A. THIS GERMAN DEvised A METHOD OF SYNTHESIZING AMMONIA BY COMBINING GASEOUS NITROGEN AND HYDROGEN UNDER PRESSURE.

ANSWER: FRITZ HABER

B. AT THE AGE OF 18, THIS BRITISH YOUTH SYNTHESIZED THE FIRST OF THE ANILINE DYES, WHOSE COLOR BECAME KNOWN AS MAUVE.

ANSWER: WILLIAM HENRY PERKIN

2.(30) IDENTIFY THIS AUTHOR 30-20-10.

(30) HE DIED OF TUBERCULOSIS IN 1900 AT THE AGE OF 29.

(20) HIS FIRST SIGNIFICANT WORK WAS "MAGGIE, A GIRL OF THE STREETS"

(10) THE TITLE OF HIS MOST FAMOUS WORK REFERS TO BEING WOUNDED IN BATTLE.

ANSWER: STEPHEN CRANE

3.(30) IDENTIFY THIS FAMOUS AMERICAN, 30-20-10.

(30). BORN IN BOSTON ON SEPTEMBER 27, 1722, HE WAS THE SON OF A WEALTHY BREWER, AND INHERITED 1/3 OF HIS FAMILY'S PROPERTY, BUT LOST MOST OF IT THROUGH POOR MANAGEMENT.

(20) HE WAS A VERY INFLUENTIAL MEMBER OF THE LOWER HOUSE OF THE MASSACHUSETTS LEGISLATURE FROM 1765 TO 1774 AND LATER SERVED AS LT. GOVERNOR AND GOVERNOR OF THE STATE.

(10) HE WORKED CLOSELY IN THE CONTINENTAL CONGRESS WITH HIS SECOND COUSIN, JOHN.

ANSWER: SAMUEL ADAMS

4.(20) THERE HAVE BEEN MANY MEDIA MERGERS AS OF LATE SUCH AS CAPITAL CITIES-DISNEY AND TIME WARNER-TURNER. FOR FIVE POINTS EACH, NAME THE CEO OF THESE MEDIA GIANTS.

A. DISNEY

ANSWER: MICHAEL EISNER ✓

B. LIBERTY MEDIA

ANSWER: JOHN MALONE ✗

C. FOX TELEVISION

ANSWER: RUPERT MURDOCH ✓

D. TIME WARNER

ANSWER: DON WARNER ✗

5. (30) FOR TEN POINTS EACH, GIVEN THE FOLLOWING WINNING WORDS IN THE SCRIPPS-HOWARD NATIONAL SPELLING BEE, YOU GUESS IT, SPELL THEM.

A. KAMIKAZE

ANSWER: K-A-M-I-K-A-Z-E ✓

B. INTERLOCUTORY

ANSWER: I-N-T-E-R-L-O-C-U-T-O-R-Y ✓

C. ~~ELUCUBRATE~~

ANSWER: E-L-U-C-U-B-R-A-T-E ✗

6.(30) NOTE THE FOLLOWING LANGUAGES: JAPANESE, SPANISH, FRENCH, ENGLISH, GERMAN, AND RUSSIAN. FOR FIVE POINTS APIECE, ARRANGE THEM IN ORDER FROM GREATEST TOTAL NUMBER OF SPEAKERS WORLDWIDE TO LEAST.

ANSWER: SPANISH ✗
ENGLISH ✗
RUSSIAN ✗
JAPANESE ✗
GERMAN ✗
FRENCH ✗

7. (25) A FIVE YEAR AGREEMENT WAS RECENTLY SIGNED BY COLUMBIA UNIVERSITY'S LAMONT-DOHERTY OBSERVATORY TO TAKE CONTROL OVER ITS SCIENTIFIC AND EDUCATIONAL OPERATIONS, AS WELL AS ITS TOURIST BUSINESS. FOR TWENTY FIVE POINTS, NAME THIS MUCH CRITICIZED ARIZONA DESERT EXPERIMENT, FOUNDED BY MILLIONAIRE EDWARD P. BASS.

ANSWER: BIOSPHERE 2

8. (30) IDENTIFY THE MUSICAL GROUP, 30-20-10.

- (30) THEIR MEMBERS INCLUDE MICHAEL McCARY AND SHAWN STOCKMAN.
(20) THEY HAVE RELEASED ALBUMS INCLUDING "MOTOWNPHILLY".
(10) SOME OF THEIR HITS HAVE INCLUDED "END OF THE ROAD" AND "ON BENDED KNEE"

ANSWER: BOYS II MEN

9. (30) THIS YEAR WAS THE FIRST YEAR THAT BASEBALL'S EXPANDED PLAYOFF SYSTEM WAS ACTUALLY USED. FOR FIVE POINTS EACH, NAME ANY SIX OF THE EIGHT TEAMS WHICH MADE THE MAJOR LEAGUE PLAYOFFS THIS YEAR.

ANSWER: ATLANTA -- OR -- BRAVES LOS ANGELES -- OR -- DODGERS
CINCINNATI -- OR -- REDS COLORADO -- OR -- ROCKIES
SEATTLE -- OR -- MARINERS CLEVELAND -- OR -- INDIANS
BOSTON -- OR -- RED SOX
NEW YORK YANKEES (PROMPT ON: NEW YORK)

10. (30) NAME THESE TWO RENAISSANCE PAINTING TECHNIQUES FOR FIFTEEN POINTS EACH.

17
A. THIS THE DEPICTION OF LIGHT AND SHADOW IN TWO DIMENSIONAL WORKS. VALUES ARE MANIPULATED FOR THEIR DRAMATIC EFFECT.

ANSWER: CHIAROSCURO (KAR-IS-CURE-O)

B. THIS IS USED TO DEPICT THE FIGURES IN A PAINTING AS PULLING AWAY FROM EACH OTHER, AND EACH OF THE BODIES IN THE PIECE TO BE TWISTED IN A SERPENTINE MANNER.

ANSWER: SERPENTINATA (SER-PEN-TINA) ^{T A}

11. (20) FOR TEN POINTS EACH, IDENTIFY THESE SCHOOLS OF PSYCHOLOGY.

A. FOUNDED BY MAX WERTHEIMER IN 1912, IT FOLLOWS THE PRINCIPLE THAT "THE WHOLE IS GREATER THAN THE SUM OF ITS PARTS."

ANSWER: GESTALT

B. JOHN B. WATSON WAS THE FOUNDER OF THIS SCHOOL, BUT ITS BEST KNOWN PROPONENT IS B.F. SKINNER.

ANSWER: BEHAVIORISM

12. (20) NEW STUDIES HAVE, FOR THE FIRST TIME, DIRECTLY CONFIRMED THE LONG-HELD BELIEFS THAT LOW LEVELS OF IT PRODUCE AGGRESSIVE BEHAVIOR IN HUMANS, POSSIBLY LEADING TO NEW WAYS TO TREAT VIOLENT INDIVIDUALS. FOR TWENTY POINTS, NAME THIS NEUROTRANSMITTER.

ANSWER: SEROTONIN

13. (30) IDENTIFY THIS RELIGIOUS PHILOSOPHER, 30-20-10

(30) HIS FATHER WAS A PAGAN; HIS MOTHER WAS ST. MONICA.

(20) HIS WRITINGS INCLUDE "THE CONFESSIONS" AND "THE CITY OF GOD"

(10) HE SET UP A MONASTERY AT HIPPO.

ANSWER: SAINT AUGUSTINE

14. (30) FOR TEN POINTS EACH, GIVEN THE ACTUAL NAME OF A WRITER, GIVE HIS BETTER KNOWN PEN NAME.

A. FRANCOIS MARIE AROUET

ANSWER: VOLTAIRE ✕

B. DAVID J. M. CORNWALL

ANSWER: JOHN LE CARE

C. CHARLES LAMB

ANSWER: ELIA ✓

15. (25) YOU'RE PROBABLY ALL CARRYING SOME OF THEM RIGHT NOW, BUT NO PEEKING IN YOUR WALLETS. ALL MAJOR CREDIT CARDS HAVE SOMETHING IN COMMON... THEIR NUMBERS. FOR FIVE POINTS EACH, GIVE ME THE FIRST DIGIT OF ALL:

A. DISCOVER CARDS

ANSWER: 6 ✓

B. AMERICAN EXPRESS CARDS

ANSWER: 3 ✕

C. MASTERCARDS

ANSWER: 5 ✓

D. VISA CARDS

ANSWER: 4 ✓

E. DINERS CLUB CARDS

ANSWER: 3 ✕

16. (30) FOR TEN POINTS APIECE, NAME THE THREE APOLLO ASTRONAUTS KILLED IN THE APOLLO 1 ACCIDENT, DURING A SIMULATED LAUNCH IN 1967.

ANSWER: VIRGIL "GUS" GRISSOM, EDWARD WHITE, ROGER CHAFEE

17.(20) BANTING AND BEST FIRST ISOLATED , IN 1922, THIS HORMONE THAT REGULATES GLUCOSE UPTAKE AND METABOLISM.

A. FOR TEN POINTS, NAME THE HORMONE.

ANSWER: INSULIN

B. NOW FOR TEN MORE POINTS, INSULIN IS MADE IN THE PANCREAS IN SPECIFIC, DISCRETE ENDOCRINE REGIONS CALLED WHAT?

ANSWER: ISLETS OF LANGERHANS

18. (30) HOW DO WE FEEL ABOUT OUR LEADERS IN WASHINGTON? LETS SEE IF YOU KNOW WHAT WAS SAID IN A LOU HARRIS POLL OF 1,007 AMERICANS TAKEN NOVEMBER 2-6. NOTE THESE FIVE PEOPLE OR GROUPS: DEMOCRATS IN CONGRESS, REPUBLICANS IN CONGRESS, HOUSE SPEAKER NEWT GINGRICH, SENATE MAJORITY LEADER BOB DOLE AND PRESIDENT CLINTON. FOR TEN POINTS APIECE,

A. OF THE FIVE, WHICH RECEIVED THE HIGHEST OVERALL APPROVAL RATING?

ANSWER: PRESIDENT CLINTON (51%) 

B. WHICH HAD THE LOWEST OVERALL APPROVAL RATING?

ANSWER: NEWT GINGRICH (31%) 

C. OF REPUBLICANS IN CONGRESS AND DEMOCRATS IN CONGRESS, WHICH HAD A HIGHER OVERALL APPROVAL RATING?

ANSWER: REPUBLICANS IN CONGRESS (35% VS. 34%) 

19. (20) GIVEN A PHRASE AND A LANGUAGE, TRANSLATE IT INTO THE WELL KNOWN FOREIGN PHRASE, FOR TEN POINTS EACH.

A. ENDLESS, LATIN

ANSWER: AD INFINITUM 

B. AN ACCOMPLISHED FEAT, FRENCH

ANSWER: FAIT ACCOMPLI

20. (30) NBC HAS HAD A RETURN TO ITS GLORY YEARS WITH ITS SOLID THURSDAY NIGHT LINEUP THAT INCLUDES "E.R." AND "FRIENDS". ALL OF YOU "FRIENDS" FANS WILL LOVE THIS QUESTION. FOR FIVE POINTS EACH, NAME ALL SIX OF THE MAIN CHARACTERS ON THE HIT SHOW.

ANSWER: ROSS, RACHEL, CHANDLER, MONICA, JOEY, AND PHOEBE.

21. (20) ARMAGEDDON HAS BEEN DELAYED, AND THE END OF THE WORLD IS NO LONGER NEAR, OR SO THEY *NOW* SAY. AFTER FALSE ALARMS IN 1914, 1925, AND 1975, THIS RELIGIOUS GROUP HAS RECENTLY ANNOUNCED IT WILL NO LONGER GIVE AN EXACT FORECAST FOR JUDGMENT DAY. FOR TWENTY POINTS, NAME THIS FIVE MILLION MEMBER GROUP FOUNDED BY CHARLES RUSSELL.

ANSWER: JEHOVAH'S WITNESSES

22. (20) HE IS KNOWN FOR HIS EXCESSIVELY LARGE ART WORKS OF A TEMPORARY NATURE. SOME PROJECT HAVE INCLUDED WRAPPING PINK PLASTIC AROUND ISLANDS AND CONSTRUCTING A 24.5 MILE NYLON FENCE ACROSS SONOMA AND MARIN COUNTIES IN CALIFORNIA. FOR TEN POINTS EACH, GIVE ME HIS WELL KNOWN FIRST NAME, AND HIS LESSER KNOWN LAST NAME.

ANSWER: CHRISTO JAVACHEFF

23.(30) GIVEN A SCIENTIFIC CONSTANT'S VALUE, IDENTIFY THE NAME OF THE CONSTANT FOR TEN POINTS APIECE.

A. 6.672×10^{-11} (NEWTON * METERS²) / (KILOGRAMS²)

ANSWER: GRAVITATIONAL CONSTANT -- OR -- G

B. 6.626×10^{-34} JOULES*SECONDS

ANSWER: PLANCK'S CONSTANT -- OR -- h

C. 8.314 JOULES/MOLE/DEGREE KELVIN

ANSWER: UNIVERSAL GAS CONSTANT -- OR -- R

24. (20) IS ANOTHER MEGAMERGER IN THE WORKS? ON NOVEMBER 16, A WALL STREET JOURNAL ARTICLE SAID TWO AIRCRAFT MANUFACTURERS HAD BEEN HOLDING DISCUSSIONS IN NEW YORK REGARDING A MERGER. FOR TEN POINTS EACH, NAME THESE COMPANIES, HEADQUARTERS IN ST. LOUIS AND SEATTLE.

ANSWER: BOEING AND McDONNELL DOUGLAS

25. (20) JUST WHAT YOU'VE ALWAYS WANTED! NOW, FOR ONLY \$25, YOU'LL BE ABLE TO BUY A LUMP OF COAL ENCASED IN PLASTIC. FOR TWENTY POINTS, NAME THE FORMER RESTING PLACE OF THIS COAL, WHERE IT HAD BEEN IN UNDERWATER STORAGE SINCE 1912.

ANSWER: THE R.M.S. TITANIC

26.(20) ENACTED IN 1939 AND 1940, THEY PROHIBIT POLITICAL SOLICITING INVOLVING CIVIL SERVANTS, AND LIMIT PRIVATE CONTRIBUTIONS IN FEDERAL ELECTIONS. FOR TWENTY POINTS, IDENTIFY THESE ACTS OF CONGRESS.

ANSWER: HATCH ACTS