

1994 CARDINAL CLASSIC  
FINALS PACKET (DAVID FRAZEE)  
TOSS-UPS

1. CUTTING BENEFITS UNDER SECTION 936 OF THE INTERNAL REVENUE CODE BY 60% WOULD SAVE THE U.S. \$3.5 BILLION A YEAR, BUT MIGHT, ACCORDING TO GOVERNOR PEDRO ROSSELLO, ELIMINATE 100,000 JOBS IN—FOR 10 POINTS—WHAT U.S. COMMONWEALTH OF 3.7 MILLION PEOPLE?

ANSWER: PUERTO RICO

2. THE THIRD CAMBRIDGE CATALOGUE LISTS 471 OF THESE SOURCES, SUCH AS 3C 48, WHICH HAS A REDSHIFT OF 0.367. FOR 10 POINTS—WHAT NAME IS GIVEN TO THESE OBJECTS THAT TYPICALLY EMIT THE ENERGY OUTPUT OF 100 GALAXIES FROM A VOLUME THE SIZE OF OUR SOLAR SYSTEM?

ANSWER: QUASAR, OR QUASI-STELLAR RADIO SOURCE (OR ... OBJECT)

3. FORMERLY KNOWN AS SANSULOTTIA, THIS ISLAND CONTAINS 54 UNIFORMLY BUILT TOWNS, WITH ITS CAPITAL, AMAUOTE OR AIRCASTLE, IN THE MIDDLE. THOUGH IT IS A REPUBLIC, SLAVERY EXISTS ON—FOR 10 POINTS—WHAT ISLAND, 15 MILES OFF THE COAST OF SOUTH AMERICA, CREATED IN 1516?

ANSWER: UTOPIA

4. CHIEF JUSTICE EARL WARREN SAID THAT THIS OTHER JUSTICE'S OPINION IN BAKER V. CARR WAS THE MOST IMPORTANT DECISION OF THE 1960S. EISENHOWER APPOINTED THIS NEW JERSEY CATHOLIC IN 1956 FOR POLITICAL REASONS, THOUGH HE SOON LIVED TO REGRET NOMINATING—FOR 10 POINTS—WHAT HARVARD LAW GRADUATE WHO RETIRED FROM THE COURT IN 1990?

ANSWER: WILLIAM J. BRENNAN, JR.

5. IT STARS THE VOICE OF JON LOVITZ AS JAY SHERMAN, A FUSSY, UNLOVED MOVIE REVIEWER. FOR 10 POINTS—NAME THIS NEW ADDITION TO THE ABC WEDNESDAY NIGHT LINEUP, AN ANIMATED SERIES FROM THE CREATORS OF "THE SIMPSONS."

ANSWER: "THE CRITIC"

6. ACCORDING TO A SURVEY IN THE MAGAZINE "INSIDE EDGE," THIS SCHOOL EDGED OUT JOHNS HOPKINS AS THE MOST FUNLESS UNIVERSITY IN THE COUNTRY, IN PART BECAUSE OF MAYNARD HUTCHINS' DECISION TO ELIMINATE FOOTBALL TWO GENERATIONS AGO. FOR 10 POINTS—NAME THIS SCHOOL, NO. 300 DESPITE ITS PROXIMITY TO HYDE PARK.

ANSWER: UNIVERSITY OF CHICAGO

7. GRAHAM GOOCH MADE TWO NAUGHTS ON HIS TEST DEBUT AGAINST AUSTRALIA IN 1975, THOUGH BY 1990 HE HAD SCORED 333 AGAINST INDIA AT LORD'S AS ENGLAND'S CAPTAIN—FOR 10 POINTS—IN WHICH SPORT?

ANSWER: CRICKET

8. THE IRISH GOVERNMENT WILL NO LONGER REQUIRE ALL TRANS-ATLANTIC FLIGHTS TO STOP AT THIS AIRPORT. INSTEAD, TRAVELERS CAN GO DIRECTLY TO DUBLIN, AVOIDING—FOR 10 POINTS—WHAT AIRPORT CLOSE TO THE CITY OF LIMERICK?

ANSWER: SHANNON INTERNATIONAL AIRPORT

9. IN DECEMBER 1993, ANDREW WILES ADMITTED THAT REVIEWERS HAD FOUND A NUMBER OF PROBLEMS WITH HIS 200-PAGE MANUSCRIPT IN WHICH HE UTILIZED THE TANIYAMA-SHIMURA CONJECTURE TO PROVE—FOR 10 POINTS—WHICH 350 YEAR OLD THEOREM?

ANSWER: FERMAT'S LAST THEOREM

10. THE 1993 MOVIE "SWOON" DEALT WITH TWO MEN WHO HAVE FASCINATED AMERICA SINCE 1924. IN THAT YEAR CLARENCE DARROW SUCCESSFULLY ARGUED AGAINST THE DEATH PENALTY FOR THEIR KILLING OF BOBBY FRANKS. FOR 10 POINTS—NAME EITHER OF THE TWO DEFENDANTS.

ANSWER: NATHAN LEOPOLD OR RICHARD LOEB

11. THE INAUGURAL WORK AT THE VIRGINIA OPERA'S REOPENING IN NOVEMBER 1993 FEATURED TIMUR, EMPEROR, THE MANDARIN, PING, PONG, AND PANG. FOR 10 POINTS—NAME THIS PUCCINI OPERA FIRST PRODUCED IN 1926.

ANSWER: TURANDOT

12. IN 1993, ARCHEOLOGIST AVRAHAM BIRAN DISCOVERED A BASALT FRAGMENT, 12 1/2 INCHES HIGH, WITH THE ONLY KNOWN REFERENCES TO THIS MAN'S RULING DYNASTY OUTSIDE THE BIBLE. FOR 10 POINTS—NAME THIS 10TH CENTURY BC JEWISH RULER, SUCCESSOR OF SAUL.

ANSWER: DAVID

13. HE WON THE 1993 NATIONAL BOOK AWARD FOR NONFICTION FOR HIS COLLECTION "UNITED STATES: ESSAYS 1952-1992.". FOR 10 POINTS—NAME THIS AUTHOR OF "AN EVENING WITH RICHARD NIXON," "MYRA BRECKINRIDGE," AND "LINCOLN."

ANSWER: GORE VIDAL

15. THIS COUNTRY'S LARGEST AND MOST POWERFUL ARMED FORCE IS THE QUASI-FASCIST MKHEDRIONI, LED BY THE CHARISMATIC JABA IOSELIANI. SINCE THE GOVERNMENT HAS NO REAL ARMY TO BATTLE THE FORCES OF ZVIAD GAMSAKHURDIA, THE MKHEDRIONI ARE FIGHTING FOR PRESIDENT EDUARD SHEVARDNADZE—FOR 10 POINTS—IN WHICH COUNTRY'S CIVIL WAR?

ANSWER: GEORGIA

16. LEAVING NEW ZEALAND IN 1895, HE WENT TO CAMBRIDGE TO WORK WITH J.J. THOMSON. HE WAS THE FIRST TO SHOW THAT THE ATOM HAD A NUCLEUS. FOR 10 POINTS—NAME THIS PHYSICIST WHO ALSO IDENTIFIED AND NAMED THE PROTON AND WON THE 1908 NOBEL PRIZE IN CHEMISTRY.

ANSWER: ERNEST RUTHERFORD

17. OPPOSING CHAIRMAN ROBERT CRANDALL'S CALL FOR JOB CUTS, IN NOVEMBER 1993, THIS COMPANY'S 21,000 MEMBER ASSOCIATION OF PROFESSIONAL FLIGHT ATTENDANTS WENT ON STRIKE. FOR 10 POINTS—NAME THIS LARGEST U.S. AIRLINE HEADQUARTERED IN DALLAS-FORT WORTH.

ANSWER: AMERICAN AIRLINES

18. SHE MARRIED FRANCIS STEPHEN OF LORRAINE, WHO BECAME EMPEROR FRANCIS I IN 1745. DAUGHTER OF EMPEROR CHARLES VI, HER DISPUTED SUCCESSION TO THE HAPSBURG LANDS LED TO THE WAR OF THE AUSTRIAN SUCCESSION. FOR 10 POINTS—NAME THIS EMPRESS OF THE HOLY ROMAN EMPIRE.

ANSWER: MARIA THERESA OF AUSTRIA

19. THIS SEA SEPARATED THE EURASIAN FROM THE AFRICAN PART OF PANGAEA 200 MILLION YEARS AGO. FOR 10 POINTS—NAME THIS ANCESTRAL SEA OF THE MEDITERRANEAN, NAMED FOR THE GREEK GOD OCEANUS' WIFE WHO WAS THE MOTHER OF THE SEAS.

ANSWER: SEA OF TETHYS

20. MARLIN FITZWATER CALLED HIM "JUST ANOTHER AUTHOR ON A BOOK SIGNING TOUR," EXPLAINING WHY PRESIDENT BUSH WOULD NOT MEET WITH HIM. IN NOVEMBER 1993, CLINTON REVERSED POLICY AND INVITED THIS 46-YEAR-OLD NOVELIST TO A MEETING THAT ALSO INCLUDED WARREN CHRISTOPHER. FOR 10 POINTS—NAME THIS AUTHOR IN HIDING SINCE FEBRUARY 14, 1989.

ANSWER: SALMAN RUSHDIE

21. AT 16, SHE BECAME THE YOUNGEST PLAYER TO WIN THE US OPEN SINGLES, A TITLE SHE LATER SUCCESSFULLY DEFENDED IN 1952. IN 1953 SHE WON THE GRAND SLAM OF TENNIS, BUT, AFTER BREAKING HER LEG IN A RIDING ACCIDENT IN 1955, WAS FORCED TO RETIRE. FOR 10 POINTS—NAME THIS SHORT-LIVED U.S. TENNIS STAR.

ANSWER: MAUREEN CONNOLLY OR "LITTLE MO"

22. IN NOVEMBER 1993, GREEK FOREIGN MINISTER KAROLOS PAPOULIAS MET WITH THIS COUNTRY'S PRESIDENT, SALI BERISHA, TO DISCUSS THE GREEK MINORITY IN—FOR 10 POINTS—WHAT COUNTRY WHOSE CAPITAL IS TIRANA?

ANSWER: ALBANIA

23. HE RECEIVES 10 CENTS FOR EACH \$17 T-SHIRT SOLD THAT FEATURES HIS LIKENESS ON THE FRONT AND THE WORDS "CHARLIE DON'T SURF" ON THE BACK. FOR 10 POINTS—NAME THIS CULT LEADER, SERVING A LIFE SENTENCE FOR HIS ROLE IN THE 1969 SLAYINGS OF ACTRESS SHARON TATE AND SIX OTHERS.

ANSWER: CHARLES MANSON

24. FOR \$100, YOU CAN BUY A TICKET TO THIS GRUELING SIX HOUR BROADWAY PRODUCTION, THE FIRST PLAY TO WIN THE PULITZER PRIZE WITHOUT HAVING PLAYED ON BROADWAY FIRST. FOR 10 POINTS—NAME THIS ROBERT SCHENKMAN WORK.

ANSWER: "THE KENTUCKY CYCLE"

25. ERATOSTHENES CRATER, COPERNICUS CRATER, MARE IMBRIUM, OCEANUS PROCELLARUM, HADLEY DELTA, AND MARE TRANQUILLITATIS CAN ALL BE FOUND—FOR 10 POINTS—ON WHICH OBJECT?

ANSWER: THE MOON

26. "BUCK DID NOT READ THE NEWSPAPERS, OR HE WOULD HAVE KNOWN THAT TROUBLE WAS BREWING, NOT ALONE FOR HIMSELF, BUT FOR EVERY TIDEWATER DOG STRONG OF MUSCLE AND WITH THE WARM, LONG HAIR FROM PUGET SOUND TO SAN DIEGO." THIS—FOR 10 POINTS—IS THE FIRST LINE TO WHICH JACK LONDON WORK?

ANSWER: "CALL OF THE WILD"

27. SINCE SEIZING EMERGENCY POWERS AND SHUTTING DOWN THE COURTS AND CONGRESS, THIS LEADER HAS SUCCESSFULLY MOUNTED A WAR AGAINST OPPOSITION GUERRILLAS, CAPTURING ABIMAEEL GUZMAN, THE LEADER OF SINDERO LUMINOSO. FOR 10 POINTS—NAME THIS PERUVIAN PRESIDENT.

ANSWER: ALBERTO K. FUJIMORI

28. HE CAPTURED AND DESTROYED JERUSALEM IN THE JEWISH WAR IN AD 70. HE DIED MYSTERIOUSLY AND HIS BROTHER, EMPEROR DOMITIAN, ERECTED AN ARCH IN HIS NAME. FOR 10 POINTS—NAME THIS ROMAN EMPEROR AND ELDER SON OF VESPASIAN.

ANSWER: TITUS

29. IT WAS PURCHASED BY GEORGE III IN 1761 AND REMODELED BY THE ARCHITECT JOHN NASH IN 1825. SIR ASTON WEBB REDESIGNED THE EAST FRONT IN 1913. THE CELEBRATED CHANGING OF THE GUARD TAKES PLACE DAILY WHEN THE SOVEREIGN IS IN RESIDENCE. FOR 10 POINTS—NAME THIS LONDON RESIDENCE.

ANSWER: BUCKINGHAM PALACE

## FINALS PACKET

## 30 POINT BONUS

1. FOR 15 POINTS EACH—IDENTIFY THESE PALEOBIOLOGY DISCOVERIES OF 1993:

- A. DISCOVERED BY A U.S.-ARGENTINE TEAM, IT IS THE MOST PRIMITIVE KNOWN DINOSAUR, A DOG-SIZED CARNIVORE THAT LIVED ABOUT 230 MILLION YEARS AGO.

ANSWER: EORAPTOR

- B. A STUDY OF THIS OLDEST KNOWN BIRD REVEALED THAT IT HAD CLAWS SIMILAR TO THOSE OF A PERCHING BIRD, CONTRADICTING CURRENT AVIAN FLIGHT DEVELOPMENT THEORIES.

ANSWER: ARCHAEOPTERYX

## 25 POINT BONUS

2. HE CREATED AND LED THE CONGOLESE NATIONAL MOVEMENT AND HELPED FORM AN INDEPENDENT REPUBLIC OF THE CONGO IN 1960. HE SERVED AS MINISTER OF DEFENSE AND PRIME MINISTER BEFORE BEING IMPRISONED IN A POWER STRUGGLE WITH PRESIDENT KASAVUBU AND COLONEL MOBUTU. FOR 25 POINTS—NAME THIS STATESMAN EXECUTED IN 1961.

ANSWER: PATRICE EMERGÉ LUMUMBA

## 30 POINT BONUS

3. FOR 10 POINTS EACH—GIVEN A REPUBLICAN GOVERNOR, IDENTIFY THE STATE:

- A. WILLIAM F. WELD

ANSWER: MASSACHUSETTS

- B. CARROLL A. CAMPBELL

ANSWER: SOUTH CAROLINA

- C. JIM EDGAR

ANSWER: ILLINOIS

## 30 POINT BONUS

4. FOR 10 POINTS EACH—GIVEN AN IRVING STONE WORK, IDENTIFY ITS SUBJECT:

- A. LUST FOR LIFE

ANSWER: VINCENT VAN GOGH

- B. THE GREEK TREASURE

ANSWER: HEINRICH SCHLIEMANN

- C. THE ORIGIN

ANSWER: CHARLES DARWIN

**30 POINT BONUS**

5. FOR 15 POINTS EACH—IDENTIFY THESE LANGUAGES:

- A. IN 1952 MICHAEL VENTRIS DECIPHERED THIS MYCENAEAN GREEK WRITING ON TABLETS DATING FROM 1500-1200 BC.

ANSWER: LINEAR B

- B. THIS OFFICIAL LANGUAGE OF PAKISTAN IS QUITE SIMILAR TO HINDI, THE CHIEF DIFFERENCE BEING THAT IT IS WRITTEN IN THE ARABIC SCRIPT.

ANSWER: URDU

**20 POINT BONUS**

6. BOHEMIAN VILLAGERS HANS, WENZEL, AND MARIE CONTENT WITH THEIR FAMILIES AND THE COMIC MARRIAGE BROKER KEZAL. THE FIRST IMPORTANT BOHEMIAN OPERA, IT IS THE FOUNDATION ON WHICH BOHEMIAN NATIONAL MUSIC RESTS. FOR 20 POINTS—NAME THIS 1866 3-ACT COMIC OPERA BY SMETANA.

ANSWER: THE BARTERED BRIDE

**30 POINT BONUS**

7. GIVEN A NORTH AMERICAN SOCCER LEAGUE CITY—FOR 10 POINTS EACH—IDENTIFY THE DEFUNCT TEAM NAME:

- A. NEW YORK

ANSWER: COSMOS

- B. SEATTLE

ANSWER: SOUNDERS

- C. TULSA

ANSWER: ROUGHNECKS

**20 POINT BONUS**

8. IT DEALS WITH THOMAS SUTPEN, HIS WIFE ELLEN, HER SISTER ROSA COLDFIELD, AND THOMAS' CHILDREN, HENRY AND JUDITH, WHO ARE WHITE, AND CHARLES BON, A MULATTO. FOR 20 POINTS—IDENTIFY THIS 1936 NOVEL BY WILLIAM FAULKNER.

ANSWER: ABSALOM, ABSALOM!

**30 POINT BONUS**

9. IDENTIFY THIS AMERICAN 30-20-10:

- A. HE WAS PROSECUTOR OF THE STANDARD OIL TRUST CASE IN 1911 AND WAS A REPUBLICAN SENATOR FROM MINNESOTA FROM 1917-23.
- B. AFTER RECEIVING THE NOBEL PEACE PRIZE IN 1929, HE BECAME A JUDGE ON THE COURT OF INTERNATIONAL JUSTICE.
- C. AS COOLIDGE'S SECRETARY OF STATE, HE IS BEST KNOWN FOR HIS PART IN NEGOTIATING A 1928 PEACE PACT.

ANSWER: FRANK BILLINGS KELLOGG

**20 POINT BONUS**

10. HE WAS AWARDED THE 1933 NOBEL PRIZE IN PHYSIOLOGY AND MEDICINE. IN 1907 HE MADE AN IMPORTANT ADVANCE—THE USE OF THE MEDITERRANEAN FRUIT FLY *DROSOPHILA* AS A TOOL FOR GENETIC RESEARCH. FOR 20 POINTS—NAME THIS US GENETICIST WHO DISCOVERED THAT CHROMOSOMES WERE THE CARRIERS OF HEREDITARY MATERIAL.

ANSWER: THOMAS HUNT MORGAN

**25 POINT BONUS**

11. FORMERLY KNOWN AS THE ELLICE ISLANDS, THIS WESTERN PACIFIC REPUBLIC ACHIEVED FULL INDEPENDENCE WITHIN THE COMMONWEALTH OF NATIONS IN 1978. FORMERLY, THE BRITISH HAD ADMINISTERED IT WITH NEARBY KIRIBATI. FOR 25 POINTS—NAME THIS 10 SQUARE MILE ISLAND WHOSE CAPITAL IS FUNAFUTI.

ANSWER: TUVALU

**30 POINT BONUS**

12. IDENTIFY THIS PERSON 30-20-10:

- A. BORN CARYN JOHNSON, SHE GREW UP IN THE NYC HOUSING PROJECTS. BY AGE 19, SHE HAD A DAUGHTER AND WAS MARRIED TO HER DRUG COUNSELOR.
- B. HER ONE-WOMAN SHOW, "THE SPOOK SHOW," EVENTUALLY EVOLVED INTO A BROADWAY PRODUCTION AND A GRAMMY-WINNING COMEDY ALBUM.
- C. SHE IS ONLY THE SECOND BLACK WOMAN TO RECEIVE THE ACADEMY AWARD FOR BEST SUPPORTING ACTRESS.

ANSWER: WHOOP! GOLDBERG

**30 POINT BONUS**

13. IN 1993, THIS YANKEE FIRST-BASEMAN WON HIS 8TH GOLDEN GLOVE, MOVING HIM INTO A TIE FOR SECOND PLACE ON THE ALL TIME LIST FOR FIRST BASEMEN. FOR 10 POINTS EACH—NAME THIS YANKEE, THE AMERICAN LEAGUE PLAYER WHOM HE TIED, AND THE NATIONAL LEAGUE PLAYER WHO HOLDS THE RECORD WITH 11.

ANSWER: DON MATTINGLY, GEORGE SCOTT, KEITH HERNANDEZ

**30 POINT BONUS**

14. GIVEN A BOOK ON THE NEW YORK TIMES FICTION BESTSELLER LIST IN FEBRUARY 1994—FOR 10 POINTS EACH—IDENTIFY THE AUTHOR:

- |                     |                                 |
|---------------------|---------------------------------|
| A. THE BOOK OF GUYS | ANSWER: GARRISON <u>KEILLOR</u> |
| B. THE ROBBER BRIDE | ANSWER: MARGARET <u>ATWOOD</u>  |
| C. MR. MURDER       | ANSWER: DEAN <u>KOONTZ</u>      |

**20 POINT BONUS**

15. HE WAS APPOINTED ARCHBISHOP OF CANTERBURY BY KING HENRY VIII IN 1533, DIVORCED HENRY FROM CATHERINE OF ARAGON DESPITE PAPAL OPPOSITION, AND COMPILED THE FIRST BOOK OF COMMON PRAYER. FOR 20 POINTS—NAME THIS PRELATE WHO, AFTER MARY'S ACCESSION, WAS TRIED, DEPOSED, AND BURNT AT THE STAKE.

ANSWER: THOMAS CRANMER

**20 POINT BONUS**

16. HE ABANDONED ABSTRACT EXPRESSIONISM TO BEGIN PAINTING CANVASES COVERED WITH IMAGES, SUCH AS "THREE FLAGS" IN 1958 AND "TARGET WITH FOUR FACES" IN 1955. AFTER 1961 HE BEGAN TO ATTACH REAL OBJECTS TO THE CANVAS, AS IN HIS 1959 "FALSE START." FOR 20 POINTS—NAME THIS GEORGIA-BORN ARTIST.

ANSWER: JASPER JOHNS

**30 POINT BONUS**

17. FOR 15 POINTS EACH—ANSWER THESE QUESTIONS ABOUT HIGH-SPEED 20TH CENTURY PHYSICS:

- A. IN 1926, HE USED SEVERAL ROTATING MIRRORS TO MEASURE LIGHT AT A DISTANCE OF 22 MILES BETWEEN MT. WILSON AND MT. SAN ANTONIO IN CALIFORNIA.

ANSWER: ALBERT MICHELSON

- B. THIS SUPERCONDUCTING DEVICE BUILT BY IBM IN 1973 CAN PERFORM A SWITCHING OPERATION IN ONE ONE HUNDRED-BILLIONTH OF A SECOND.

ANSWER: JOSEPHSON JUNCTION

**20 POINT BONUS**

18. SHE FIRST ATTRACTED CRITICAL ATTENTION WITH HER 1912 POEM "RENASCENCE" AND LATER ACQUIRED A LARGE FOLLOWING WITH SUCH VOLUMES AS "A FEW FIGS FROM THISTLES" AND "THE HARP-WEAVER AND OTHER POEMS," WHICH WON A PULITZER PRIZE. FOR 20 POINTS—NAME THIS ACTIVIST US POET, BORN IN ROCKLAND, MAINE IN 1892.

ANSWER: EDNA ST. VINCENT MILLAY

**30 POINT BONUS**

29. ARGENTINA AMENDED ITS CONSTITUTION IN LATE 1993 TO ALLOW THE CURRENT PRESIDENT TO RUN FOR RE-ELECTION IN 1995. FOR 10 POINTS EACH:

A. NAME THE COUNTRY'S CURRENT PRESIDENT.

ANSWER: CARLOS SAÛL MENEM

B. PRESIDENT MENEM IS A MEMBER OF WHICH PARTY?

ANSWER: PERONIST

C. NAME THE RADICAL LEADER AND FORMER PRESIDENT WHO AGREED TO THE CONSTITUTIONAL CHANGE.

ANSWER: RAÛL ALFONSÍN.

**30 POINT BONUS**

20. ONLY FOUR PERSONS HAVE SERVED AS PERMANENT EDITOR OF THE NY TIMES CROSSWORD PUZZLE. FOR 10 POINTS EACH—NAME ANY 3 OF THESE WORD MAVENS.

ANSWER: MARGARET FARRAR (1942-69)  
WILL WENG (1969-1977),  
EUGENE T. MALESKA (1977-1993)  
WILL SHORTZ (1993-)

**30 POINT BONUS**

21. FOR 10 POINTS EACH—GIVEN SOME CHARACTERS, IDENTIFY THE NOVEL IN WHICH THEY APPEAR:

A. JEETER, ADA, PEARL

ANSWER: TOBACCO ROAD

B. STEPAN OBLONSKY, COUNT VRONSKY

ANSWER: ANNA KARENINA

C. MR. WORLDLY WISEMAN, CHRISTIAN, FAITHFUL

ANSWER: PILGRIM'S PROGRESS

**30 POINT BONUS**

22. FOR 10 POINTS EACH—ANSWER THESE QUESTIONS ABOUT BLACK HOLES:

- A. NAME THE LOCATION IN SPACE WHERE THE ESCAPE VELOCITY FROM THE BLACK HOLE EQUALS THE SPEED OF LIGHT.

ANSWER: EVENT HORIZON, ALSO ACCEPT: SCHWARZSCHILD RADIUS

- B. ONCE A DYING STAR HAS CONTRACTED INSIDE ITS EVENT HORIZON, IT IS CRUSHED TO INFINITE DENSITY AT THIS POINT, THE CENTER OF THE BLACK HOLE.

ANSWER: SINGULARITY

- C. A ROTATING BLACK HOLE IS SURROUNDED BY THIS REGION, IN WHICH THE DRAGGING OF SPACE AND TIME IS SO SEVERE THAT IT IS IMPOSSIBLE FOR ANYTHING TO REMAIN AT A FIXED LOCATION.

ANSWER: ERGOSPHERE

**20 POINT BONUS**

23. ARMENIA IS BORDERED BY FOUR COUNTRIES. FOR 5 POINTS EACH—NAME THOSE FOUR COUNTRIES.

ANSWER: TURKEY  
RUSSIA  
AZERBAIJAN  
GEORGIA

**20 POINT BONUS**

24. HE LED THE HAITIAN INDEPENDENCE MOVEMENT AFTER THE CAPTURE OF TOUSSAINT, DROVE OUT THE FRENCH, DECLARED INDEPENDENCE, AND CHANGED THE COUNTRY'S NAME FROM ST. DOMINGUE TO HAITI. FOR 20 POINTS—NAME THIS NATIONAL HERO WHO RULED AS EMPEROR JACQUES FROM 1804-06.

ANSWER: JEAN JACQUES DESSALINES

**30 POINT BONUS**

25. IDENTIFY THIS PERSON 30-20-10:

- A. IN "THE BIG CHILL" HE PLAYED THE CHARACTER WHOSE SUICIDE SET THE REUNION STORY IN MOTION, THOUGH HIS ENTIRE APPEARANCE WAS CUT DURING EDITING.
- B. DIRECTOR LAWRENCE KASDAN MADE IT UP TO HIM BY CASTING HIM AS THE SMART-ALECK GUNSLINGER IN SILVERADO.
- C. HE STARRED IN THE BASEBALL FLICKS "BULL DURHAM" AND "FIELD OF DREAMS."

ANSWER: KEVIN COSTNER

**20 POINT BONUS**

26. IN NOVEMBER 1993, MEMBERS OF APEC, WHICH INCLUDE THE U.S. AND CANADA, MET IN SEATTLE TO DISCUSS TRADE. FOR 5 POINTS EACH—FOR WHAT DO THE LETTERS IN APEC STAND?

ANSWER: ASIA PACIFIC ECONOMIC COOPERATION FORUM