

Purdue Replacement Team Round

(Submitted for Tennessee Masters Tournament, Aug. 5, 1988)

1. It starred James Earl Jones and depicted the struggle of West Virginia coal miners to unionize. FTP, name this acclaimed 1987 film, whose title is the name of a town where a shootout between miners and detectives took place in 1920.

Answer: Matewan (pronounced MAT wan)

2. It is defined as the positive n -th root of the product of n positive numbers. FTP, by what specific name is this type of average known?

Answer: geometric mean (If "mean," ask for more information)

3. Orphaned at the age of 14, he became an apprentice to a silversmith. After he burns his hand, he becomes a dispatch carrier and takes part in the early battles of the American Revolution. He later becomes a smith again. FTP, name this title character of an Esther Forbes novel.

Answer: Johnny Tremain

4. He was Governor of California from 1943 to 1953. He was the losing vice presidential candidate in the 1948 election. Five years later, Eisenhower appointed him Chief Justice of the Supreme Court, a position he held until 1969. FTP, name him.

Answer: Earl Warren

5. This number appears on American, but not European, roulette wheels. It was also the number of longtime Oakland Raider's center Jim Otto. FTP, what's the number?

Answer: 00 (double zero)

6. Until 1753, it was believed to be a kind of lead or tin. It is a poor conductor of heat and has the unusual property of expanding upon solidification. It is most often used in the manufacture of alloys used in electrical fuses and automatic fire alarm systems. FTP, name this element with atomic number 83.

Answer: bismuth

7. They are mammals of the order Pholidota, family Manidae. Marianne Moore described one in 1936 as "this near artichoke with head and legs and grit-equipped gizzard." FTP, name these scaly anteaters found in tropical Asia and Africa.

Answer: pangolin(s)

8. Sometimes derisively called "the sixteenth Republic of the USSR," it became the second Communist country in the world in 1924 and has maintained close relations with the Soviet Union since that time. FTP, name this Asian nation that is the least densely populated nation, with only 2.5 inhabitants per square mile.

Answer: Mongolia

9. One of the foremost painters of the Florentine Renaissance, he was born Alessandro di Mariano dei Filipepi in 1445. For 10 points, name this artist of Primavera and The Birth of Venus.

Answer: Botticelli

10. Even though he was acquitted, his career was ruined when he was charged with murder and rape in the 1921 death of actress Virginia Rappe. FTP, name this film comedian.

Answer: Roscoe "Fatty" Arbuckle

11. It is a layer of very porous rock or sediment, usually sandstone, capable of holding and transmitting large amounts of water. Springs appear where it outcrops at the surface. FTP, what is this type of geological formation called?

Answer: aquifer

12. Over 60 countries eventually signed it, but its lack of enforcement power rendered it meaningless a decade later. FTP, name this 1928 pact which bound the signing nations to settle their differences without resorting to warfare.

Answer: Kellogg-Briand Pact or Pact of Paris

13. Does he or doesn't he? Only his animator knows for sure. FTP, name this cartoon character recently accused of using cocaine to relieve his depression.

Answer: Mighty Mouse

14. Characters in this Shakespearean comedy include a group of outlaws, two clowns named Speed and Launce, and the Duke of Mantua who is the father of Silvia. FTP, name this early comedy.

Answer: Two Gentlemen of Verona

15. He is the patron saint of cooks and firefighters. According to legend, his last words to his judges were "It is done, turn it over and eat it" as he was roasted to death on a gridiron in 258 AD. FTP, name this Christian martyr.

Answer: St. Lawrence

16. Will Rogers said of him, "He is the first president to discover that what the American people want is to be left alone." After his death in 1933, H. L. Mencken stated, "He had no ideas, and he was not a nuisance." FTP, name this president.

Answer: Calvin Coolidge

17. It is the largest and most populous of the Ryukyu Islands. Naha is its largest city. FTP, name this island, site of the last major battle between U.S. and Japanese forces during World War II.

Answer: Okinawa

18. Petrarch had his Laura and Dante had his Beatrice. FTP, which of their contemporaries was stimulated to write in honor of his idealized love, Maria d'Aquino, whom he addressed with the pseudonym of Fiammetta?

Answer: Giovanni Boccaccio

19. It was Sept. 7, 1812. A total of 73,000 French and Russian soliders were killed as Napoleon's Grande Armee drove toward Moscow, 70 miles eastward. FTP, name this battle, described by Tolstoy in War and Peace.

Answer: Borodino

20. This Baltic seaport has been named Kaliningrad since its incorporation into the Soviet Union after World War II. Immanuel Kant lived his whole life here. FTP, give the German name of this Prussian city founded over 700 years ago.

Answer: Konigsberg

21. Horticulture is the cultivation of fruits, vegetables, and flowers. Viticulture is the cultivation of grapevines. FTP, what "culture" describes the management of forest lands for wood, wildlife, and recreation?

Answer: silviculture (because it asks for "culture" forestry is not an acceptable answer)

22. This seven-letter word describes the art of training and trimming bushes and trees into various shapes. FTP, what is it?

Answer: topiary (not bonsai, which is quite different)

23. On July 1, 1988 it became the last state to cave in to federal pressure and raise the minimum drinking age to 21. It was also the first state to grant voting rights to women. FTP, name this state.

Answer: Wyoming

24. To meet the demands of his Birmingham, England steam engine business, he invented the first duplicating machine in 1778. FTP, name this British inventor.

Answer: James Watt

BONUSES for Purdue University Round

1. (25 pts) Name this race horse. 25-10

one. All England mourned his death in 1789. Carrying 168 pounds, he once ran 4 miles in 8 minutes. Those who raced against him were rated 100 to 1 longshots. Himself a descendant of the Darley Arabian, most of today's thoroughbreds are descended from him.

two. The awards given annually in American horse racing--to the best two-year old, three-year old, etc.--are named for him.

Answer: Eclipse

2. (30 pts) Everyone knows about the poor passenger pigeon, now extinct due to overhunting. It is not the only American bird to meet such a fate. For 15 pts each, name these extinct birds.

a. Originally found from Maine to the Carolinas, it was once so abundant that servants stipulated that their employers could not serve it for meals more than a few times a week. Overhunting and forest fires took their toll, and the last one died in 1932. FTP, name this now extinct American game bird, a relative of the grouse.

Answer: heath hen

b. This long-tailed bird of the order Psittaci bred farther north in temperate regions (as far as Ohio) than any other of its order. It was exterminated in the 19th century, chiefly because of its bright colors and the ease with which it could be shot. Its common name is a misnomer, and it really was a member of the parrot family.

Answer: Carolina Parakeet

3. (30 pts) The doctrine of "one man-one vote" was established in a 1962 Supreme Court decision stemming from the imbalanced voting districts in a state where reapportionment had not taken place in 50 years. For 15 points apiece, give the name of the case and the state.

Answer: Baker v. Carr in Tennessee

4. (20 pts) It is loosely based on the Sacco-Vanzetti trial. Mio, the son of an Italian radical framed and executed on a murder charge, tracks down the real criminals. Mio falls in love with the sister of one of the criminals and loses his desire for revenge, but the lovers are killed when their knowledge becomes a threat. For 20 points, name this Maxwell Anderson verse play.

Answer: Winterset

5. (30 pts) Even if we don't admit it, many of us watch the soaps. For 10 points each, on which daytime dramas were the following plots recently featured?

a. Jack learns that he is Steve's long-lost brother Billy. Meanwhile, Jack's father Harper is identified as the Riverfront Knifer.

Answer: Days of Our Lives

✓ b. Felicia receives a music box from her supposedly dead husband Frisco. Duke tries to break his ties with the Mob.

Answer: General Hospital

c. Clint journeys back in time to 1888 Arizona. An impostor claiming to be Bo attempts to gain control of the family fortune.

Answer: One Life to Live

6. (30 pts) Everyone knows who's number one, but not many know who's number two. For 5 points each, name the SECOND most populous cities in the following states, ACCORDING TO THE 1980 CENSUS.

- a. Alabama Answer: Mobile
- b. Georgia Answer: Columbus
- c. Illinois Answer: Rockford
- d. Kansas Answer: Kansas City
- e. Massachusetts Answer: Worcester
- f. New Jersey Answer: Jersey City

7. (20 pts) He was an unlikely hero for the democratic cause. A fascist himself, he became chancellor and dictator of Austria in 1932, suspending all parliamentary government. But because he resisted the takeover of Austria by the Nazis, he was assassinated in 1934, supposedly on orders from Hitler, though this was denied. For 20 points, name this man who became a martyr to Austrian independence.

Answer: Engelbert Dollfuss

8. (25 pts) To be certain of an income for his family, Joe Keller betrays his business partner. To save his business, he sells defective aircraft parts. Joe's son, Chris, discovers his father's actions. Another son commits suicide when he learns what his father has done. Joe then shoots himself.

- a. For 15 points, give the title of this play.

Answer: All My Sons

- b. For 10 points, who wrote All My Sons?

Answer: Arthur Miller (both names needed)

9. (30 pts) Each year the NCAA basketball tournament produces its share of upsets. For 5 points apiece, name the giant-killers who ended the championship hopes of the following teams in the 1988 tournament.

- a. Indiana Answer: Richmond
- b. Kentucky Answer: Villanova
- c. North Carolina State Answer: Murray State
- d. Pittsburgh Answer: Vanderbilt
- e. Purdue Answer: Kansas State
- f. Syracuse Answer: Rhode Island

10. (20 pts) (pen and paper) Write down the following mathematical expressions: $ab = x$ $ac = y$ and $bc = z$. Assume that a, b, c, x, y , and z are all positive. Now, for 20 points, express "a" in terms of x, y , and z , without reference to b or c . You have 30 seconds.

Answer: the square root of the quantity xy over z OR
the square root of the quantity xy over the square root of z

11. (30 pts) Benjamin Harrison served only one term as president, but he presided over the admission of 6 states into the Union. For 5 points each, name them, BUT a wrong answer stops the bonus.

Answer: North Dakota, South Dakota, Montana, Washington, Idaho, Wyoming

12. (20 pts) It depicts a reclining nude, her face turned to the viewer, and a black servant holding flowers standing behind her. It is roughly patterned after Goya's Nude Maja and was attacked by critics as a scandalous affront to decency. For 10 points apiece, give the title of this 1863 painting and its artist.

Answer: Olympia by Edouard Manet

13. (30 pts) Congratulations! You have been asked to organize your school's intramural academic buzzer competition. Given that 10 teams will participate, answer the following questions.

a. For 5 points, how many games will be played if a single-elimination tournament is employed? Answer: 9

b. For 10 points, what is the maximum number of games possible if a double-elimination tournament is played? Answer: 19

c. For 15 points, how many games will be played in a complete round robin, not counting any playoff games? Answer: 45

14. (20 pts) The federal government often attacks organized crime in labor unions by invoking civil provisions of the RICO laws. For 20 points, all or nothing, what do the letters R-I-C-O stand for?

Answer: Racketeer-Influenced Corrupt Organizations
(accept "Racketeering" for "Racketeer")

15. (20 pts) Ralph Waldo Emerson evaluated it as "incomparable things, said incomparably well." Another, less impressed reviewer called its author "the dirtiest beast of his age" because of the references to sex and the body. For 20 points, name this important book of American poetry, published in the 1850s.

Answer: Leaves of Grass by Walt Whitman

16. (20 pts) Anyone who has taken introductory chemistry has used the gas laws. For 10 points each--of pressure, temperature, or volume--which one is held constant in:

a. Boyle's Law Answer: temperature

b. Charles' Law Answer: pressure

17. (20 pts) This 17th-century Bishop of Armagh labored all his life to write the Annals of the Old and New Testaments, specifically to work out a chronology for the events of the Bible.

a. For 10 points, name him. Answer: James Ussher

b. According to Bishop Ussher, God created the world at precisely 9:00 a.m. on October 23rd. In what year? Answer: 4004 BC

18. (25 pts) All right, you headbangers, let's see what you know about heavy metal (feel free to add the appropriate intonation here). For 5 points each, name the bands who recorded the following albums.

a. Appetite for Destruction Answer: Guns & Roses

b. Hysteria Answer: Def Leppard

c. Open Up and Say...Aah Answer: Poison

d. Savage Amusement Answer: Scorpions

e. Seventh Son of a Seventh Son Answer: Iron Maiden

19. (25 pts) It was a form of makeshift jazz popular in the 1950s. It included guitars, mandolins, and banjos, as well as homemade instruments such as washboards and paper-and-comb. For 25 points, what was this rhythmic folk music, a forerunner of rock and roll, called?

Answer: skiffle

20. (25 pts) The National Basketball Association will add 4 new franchises during the next two years. For 5 points each--25 for all 4--name them, giving BOTH the city and team name.

Answer: Charlotte Hornets Orlando Magic
Miami Heat Minneapolis (or Minnesota) Timberwolves

21. (20 pts) His astonishing virtuosity gave rise to the legend that he was in league with the Devil. Indeed, his burial in consecrated ground was delayed for five years after his death in 1840. For 20 points, name this legendary Italian violinist.

Answer: Paganini

22. (20 pts) His Indian name was Tenskwatawa. He urged his people to return to Indian customs and renounce the acquired ways of the white man. He led the Shawnee forces at the Battle of Tippecanoe in 1811. For 20 points, name this brother of Tecumseh.

Answer: the Shawnee Prophet