

**TOSSUPS**

1. Much of the novel's inspiration came from the author's personal experiences as a prisoner of war following the Battle of the Bulge. Alien abduction plays a major role in the plot, as the beings of Tralfamadore teach protagonist Billy Pilgrim about the fourth dimension. Billy's adventures in time take him back to relive his horror in, FTP, Dresden, Germany and the title structure.

ANSWER: Slaughterhouse-Five\_ or The Children's Crusade: A Duty-Dance with Death

2. On the afternoon of November 9, 1975, this cargo vessel left Superior, Wisconsin with a full load of taconite iron pellets for steel refining in both Detroit and its home port of Cleveland. The ship didn't even make it out of Lake Superior, though, as it vanished in a storm the following day without even emitting a distress signal. All 29 crewmen were lost in, FTP, this shipwreck commemorated in a 1976 ballad by Canadian folk singer Gordon Lightfoot.

ANSWER: S.S. \_Edmund Fitzgerald\_

3. Dutch navigator Sebald van Weert made the first undisputed sighting of these islands in 1600. Their highest point is Mount Usborne, located on the eastern of the two main islands. Portions of the islands were variously controlled by French, Spanish, and British governments until 1833, when the British finally asserted full control. Only 2200 people reside here, with nearly all of them in the capital of Stanley. FTP, identify this island group, the site of a 1982 British - Argentine conflict.

ANSWER: Falkland\_ Islands or Islas \_Malvinas\_

4. It is comprised of four subunit-complexes; complex one reduces NADH, complex two reduces succinate, complex three reduces coenzyme Q, and complex four reduces cytochrome "c" to form water. Chemiosmotic theory demonstrates how ATP is formed by eliminating the hydrogen gradient from this process. FTP, name this biochemical process found in the mitochondria, the most efficient means of cellular energy production.

ANSWER: \_electron transport\_ chain

5. During rehearsals, clarinetist Ross Gorman improvised a glissando instead of the scored 17-note scale, so impressing the composer that he incorporated it into the final version. Orchestration was handled by Ferde Grofe, who had not completely finished before the February, 1924 premier. Keeping with the jazz feel of the piece, several portions were improvised, particularly by the pianist. FTP, name this one movement work by the pianist that night, George Gershwin.

ANSWER: \_Rhapsody in Blue\_

6. From 367 to 365, while a hostage in Thebes, then the greatest Greek city-state, he observed the city's military techniques. He received, in 346 B.C., a letter from Isocrates of Athens advising him to unite the Greeks in a crusade against the Persian Empire. To aid in executing this ambition he formed the league of Corinth in 337 B.C. and was elected its Hegemon, or leader. Assassinated before he could begin the campaign, FTP name this king whose son Alexander more than completed the task.

ANSWER: \_Phillip II\_ of Macedon

7. Rather than publish his play "Cromwell", he pulled off two hoaxes, first creating a series of plays by "Clara Gazul", then creating a series of ballads by Dalmatian bard Hyacinth Maglanovich. After this he became a public official, and by becoming close to the family of Empress Eugenie he heard the stories of Spain that made him famous. FTP--name this man who wrote the novel basis of the opera "Carmen."

ANSWER: Prosper \_M\_ \_rim\_e\_

8. The opening shot of this 1950 film required a mirror placed at the bottom of a swimming pool, allowing the audience to see the floating corpse of Joe Gillis. Directed by Billy Wilder, the plot focuses on the bizarre events leading up to Gillis' murder at the hands of silent film star Norma Desmond. FTP, name this film later adapted into an Andrew Lloyd Webber musical starring Glenn Close.

ANSWER: \_Sunset Blvd.\_ (Boulevard)

9. Among his more unusual public statements was a plea to his people to vote Luis Aparicio onto Baseball's All-Century Team. Other statements have chafed at neighbors, such as his recent comments offering to mediate the civil war in neighboring Colombia. His recent attempts at democratic reform and a new constitution have met with skepticism. FTP, name this man who led a failed coup in 1992, only to be popularly elected as president of Venezuela.

ANSWER: Hugo \_Chavez\_

10. On August 17, 1971, nine young men were arrested in their homes, charged with armed robbery and burglary, transported to a dormitory basement and held for six days under the supervision of fellow students. While there, they attempted a revolt which was crushed by the men guarding them and given extremely humiliating punishment. Neither the guards nor the inmates were used to any of this, but were merely paid volunteers in a psychological experiment attempting to explain how ordinary people can rapidly assume quite abnormal roles. FTP, name this famous experiment, held at a prestigious California university and dreamed up by Dr. Philip Zimbardo.

ANSWER: \_Stanford prison\_ experiment (accept equivalents) or

11. Among the first to employ a fifth movement beyond the traditional four, it is a semi-autobiographical work, depicting the composer's love for actress Harriet Smithson. The fourth movement, "March to the Scaffold" is considered one of the most powerful pieces of Romantic era music. FTP, name this hallmark work by Hector Berlioz.

ANSWER: \_Symphonie Fantastique\_

12. The northern division includes Canada's Notre Dame, the Shickshock, the Taconic, the Green and the White. The main line forks around North Carolina, forming the Black on one side, and the Cumberlands on the other chain. The highest point, at slightly over 6600 feet, is found on Mount Mitchell. FTP, give the name of this long series of eastern American mountain ranges.

ANSWER: \_Appalachian\_ Mountains

13. Set in 1960s New Orleans, it follows protagonist Ignatius J. Reilly on a series of madcap misadventures as he attempts to restore order to world that he views as lacking in "proper geometry and theology." Taking its title from a Jonathan Swift quote, this novel was awarded the Pulitzer Prize for fiction in 1981. FTP, name this work, published several years after its author John Kennedy Toole's suicide.

ANSWER: A \_Confederacy of Dunces\_

14. Its first closure was due to a destructive fire in 1863. After its reconstruction, it was closed once more following a tragic incident and threats of further arson. The government purchased it from its namesake proprietor, and used it for the next 90 years as an office and warehouse. It took an act of Congress to reopen this building and restore it to the way it was on April 14, 1865. FTP, name this playhouse, the site of Abraham Lincoln's assassination.

ANSWER: \_Ford's Theater\_

15. Often divided into two sectors: the abode of the blessed and the abode of the damned, it predates formal Semitic concepts of heaven and hell. Shades of the dead resided here as if on Earth, awaiting the

days of resurrection and judgment. FTP, identify this Hebrew Hades, often mentioned in the Old Testament.

ANSWER: \_sheol\_

16. The author claimed that this novel of adventure and survival, based in part on the experiences of Alexander Selkirk, was actually an allegory of his own life. Stranded near the Orinoco, the title character battles the elements, illness, cannibals and mutineers before finally rescuing himself and returning to England. FTP, name this Daniel Defoe novel, also featuring the man-servant Friday, but not a three-hour tour.

ANSWER: \_Robinson Crusoe\_

17. After the July institution of stricter press laws and the temporary banning of a leading liberal newspaper, Salam, small student demonstrations were violently halted by police, killing several of the protestors. Further protests focused on this nation's Supreme Leader and cleric. Counterdemonstrations led to near riots, and violence between the pro-reform students and pro-Khomeini groups threatened the stability of President Khatami's government in, FTP, this Middle Eastern nation.

ANSWER: \_Iran\_

18. Formulated in 1873, constant "A" has units of volume-squared, while "B" has units of volume. The first practical cubic equation of state for liquids and gases, "A" and "B" correct for both intermolecular forces and molecular volume. FTP, identify this correction of the ideal gas law, created by and named for the 1910 Nobel Prize winner in physics.

ANSWER: \_van der Waals\_ equation

19. His early works were mostly landscapes of the Dutch countryside, but as he discovered Fauvism and Cubism, his own style tended towards the abstract, and he began to paint cubist trees and still lifes. A founder of "De Stijl", he later published his own ideas on art, called "Neoplasticism." This art focused on combinations of primary colors and right angles. FTP, identify this 20<sup>th</sup> century artist, painter of "Broadway Boogie Woogie" and "Composition in Red, Yellow, and Blue."

ANSWER: Piet \_Mondrian\_

20. Sponsored by a New York Democrat, it established the federal government as the regulator and ultimate arbiter of labor relations. It established the National Labor Relations Board, protected the rights of workers to form unions, and encouraged collective bargaining. FTP, name this most important piece of labor legislation in the United States in the 20th Century, a part of the New Deal passed in 1935.

ANSWER: \_Wagner\_ Act

21. During the 1936 February Uprising, two former prime ministers were killed, and revolutionary theorist Kita Ikki was executed in the aftermath. Though a failure in action, it achieved much of its ultimate purpose, ending political control in favor of de facto military control. FTP, name this nation which would see political parties abolished to avoid conflicting with military goals in both World War II and in Manchuria.

ANSWER: \_Japan\_

22. In Shakespeare's "Sonnet 102" she "in summer's front doth sing." In T.S. Eliot's "The Waste Land" her voice is "Jug Jug to dirty ears." Because her tongue has been cut out, this imprisoned mythological character knits a quilt telling the story of her rape at the hands of her brother-in-law. FTP, name this character whose name has since been most associated most commonly with the nightingale.

ANSWER: \_Philomel\_

23. Founded in Australia by William Ramsay in 1906 and relocated to the United States in 1954, this consumer products manufacturer currently employs 400 people in Douglassville, PA, less than 40 miles from where you are now sitting. Acquired by consumer conglomerate Sara Lee in 1984, it had a hand in such well-known trademarks as Endust, Johnny Mop, and Ty-D-Bol. FTP, name this shoe polish giant of the world, named after a flightless bird of New Zealand.

ANSWER: \_Kiwi\_ Brands

24. Ordained a priest in 1572, he was branded an Arian heretic, whereupon he fled to Northern Italy and became a Calvinist. Excommunicated from Calvinism, he fled again, this time to France, where he produced several scientific and moral tracts. His most famous work, "Concerning the Cause, Principle, and One" attacks Aristotelian views, by developing the Monistic theory that Form and Matter are intimately united, constituting the One. FTP, name this philosopher, cosmologist, and contemporary of Galileo, burned at the stake by the Inquisition in 1600.

ANSWER: Giordano \_Bruno\_

25. Pencil and paper ready. In a circuit two resistors are in series, one measuring 6 ohms and the other 9 ohms. Following this are two resistors in parallel, both with a value of 2 ohms. FTP, give the total resistance of this circuit.

ANSWER: \_16\_ ohms (9 + 6 + 1)

26. A series of these can last for over 1200 years and produce upwards of 80 major events. Lasting 18 years, 11 days, its name is from the ancient Babylonian for "repetition." As it results from the resonance between synodic months and eclipse years, it makes an excellent tool for predicting future solar eclipses. FTP, name this crucial astronomical interval.

ANSWER: \_saros\_ cycle

SNEWT III Boni by the University of Pittsburgh

1. Answer the following about chloroplasts, FTPE.

a) Chlorophyll is stored in these disc-shaped sacs within the chloroplasts, within which the light reaction of photosynthesis occurs.

ANSWER: \_thylakoid\_

b) Within these spaces between thylakoids, the dark reaction occurs.

ANSWER: \_stroma\_

c) This structure consists of a stack of thylakoids.

ANSWER: \_grana\_ or \_granum\_

2. 30-20-10, Name the writer.

a) This Scottish author graduated from Edinburgh University in medicine and practiced in Edinburgh, aboard a whaling ship, and, after twenty years of retirement, in a Boer War hospital.

b) Years before Michael Crichton, he wrote a novel about dinosaurs entitled "The Lost World."

c) "A Study in Scarlet" was this author's first published book. It appeared in Beeton's Christmas Annual for 1887. In it, he introduces the world to the two most famous people to ever inhabit 221B Baker Street.

ANSWER: Sir Arthur Conan \_Doyle\_

3. Identify the following economists FTPE.

a) This Canadian economist authored "The Great Crash."

ANSWER: John Kenneth \_Galbraith\_

b) This British economist was among the first to advocate government control of inflation and recession through taxation and spending. Such strategies are named for him.

ANSWER: John Maynard \_Keynes\_

c) Co-winner of the 1974 Nobel Prize in Economics, this Austrian was a sharp critic of Keynesian economics and detailed the interdependence of economic institutions.

ANSWER: Friederich von \_Hayek\_

4. Name the Roman Emperor from short descriptions FTPE.

a) This emperor, founder of the Flavian dynasty, finally brought stability to Rome in the civil wars following Nero's death. In his reign, his son Titus captured Jerusalem, and the Colosseum was begun.

ANSWER: \_Vespasian\_

b) The successor to Augustus, he was rumored to have plotted the death of his popular nephew Germanicus. He had the praetorian prefect Sejanus do much of his governing. After Sejanus was discovered plotting against him, he executed several family members, friends, and Senators as described by Tacitus.

ANSWER: \_Tiberius\_

c) This man realized the empire was too vast to be ruled by one man, so he named Maximianus his co-emperor in the west. For rule to pass smoothly, each Augustus appointed a Caesar to replace him, thus introducing the idea of tetrarchy.

ANSWER: \_Diocletian\_

5. Identify the following Woody Allen films for the stated number of points.

a) (5) This 1977 film won the Oscar for Best Picture.

ANSWER: Annie Hall

b) (5) Alan Alda plays a pompous television producer and Martin Landau portrays a guilt-ridden ophthalmologist in this 1989 film.

ANSWER: Crimes and Misdemeanors

c) (10) Allen plays the title character in this mock documentary on the life of a human chameleon.

ANSWER: Zelig

d) (10) One of his earlier works, it opens with an ABC's Wide World of Sports broadcast of an assassination and deals with Allen's involvement in a revolution.

ANSWER: Bananas

6. Name the Protestant Reformer from descriptions FTPE.

a) This former Oxford professor developed what he called his theory of lordship: that only the good, not the wicked, should govern, or even own the land. He also translated Jerome's Latin Vulgate into English.

ANSWER: John Wycliffe

b) His book "The First Blast of the Trumpet Against the Monstrous Regiment of Women" was written as a critique of the power wielded by Mary of Guise, Mary Tudor, and Mary Stuart, but also gave permanent offense to Queen Elizabeth as well. This man was also founder of Presbyterianism.

ANSWER: John Knox

c) He differed with Luther in his views on communion, believing it to be just a memorial ordinance, in spite of a meeting at Marburg in which the two church leaders tried to resolve their differences. His teachings laid the groundwork for fellow Swiss reformer John Calvin.

ANSWER: Ulrich Zwingli

7. Name the Renaissance artist from works on a 15-5 basis.

a) (15) Self Portrait in Fur Coat, Illustrations for Ship of Fools

(5) Knight Death and the Devil, The Four Horsemen of the Apocalypse

ANSWER: Albrecht Dürer

b) (15) The Bacchanal, Miracles of Saint Anthony

(5) Venus of Urbino, Man with a Glove

ANSWER: Titian

8. 30-20-10, identify the playwright from works.

a) "The Man in a Case," "Gooseberries"

b) "The Seagull", "The Bear"

c) "The Cherry Orchard", "Uncle Vanya"

ANSWER: Anton Chekhov

9. Identify the prominent Russian politicians FTPE.

a) Boris Yeltsin again shook up his government in August, naming this former head of the KGB to be prime minister.

ANSWER: Vladimir Putin (POO-teen)



b) Putin replaces this man, who had been appointed to the post in May. He was key in restoring ties with the west after the Kosovo fiasco.

ANSWER: Sergei \_Stepashin\_

c) It is widely believed that Yeltsin sacked Stepashin in favor of Putin because of Yeltsin's desire to have a prime minister who can defeat this popular mayor of Moscow, a potentially strong candidate.

ANSWER: Yuri \_Luzhkov\_

10. Identify these fallen Chilean political leaders from clues FTPE:

a) Rising to power in a 1973 coup, this military leader ruled in an autocratic manner until he was finally driven from office after allowing free elections in 1988. In 1998 he was arrested in London on charges of human rights abuses.

ANSWER: General Augusto \_Pinochet\_

b) Pinochet's predecessor, this Marxist was popularly elected in 1970 and attempted several failed reform programs. It is widely suspected that the CIA undermined his presidency, and he committed suicide in 1973 after Pinochet's coup succeeded.

ANSWER: Salvador \_Allende\_ Gossens

c) This Chilean president's term also came to an unfortunate end when an internal trade dispute caused civil war in 1891. As rebel armies entered the Chilean capital of Santiago, he sought refuge in the Argentine embassy and there took his own life, making Chile "safe" again for oligarchical rule.

ANSWER: Jose Manuel \_Balmaceda\_

11. Given the Supreme Court case, identify the Chief Justice at the time for the stated number of points.

a) (5) Brown v. Board of Education

ANSWER: Earl \_Warren\_

b) (10) Roe v. Wade

ANSWER: Warren \_Burger\_

c) (15) Munn vs. Illinois, one of the Granger cases

ANSWER: Morrison \_Waite\_

12. Identify the following complex ions all of which have a charge of negative one from their chemical formulae for the stated number of points.

a) (5)  $\text{NO}_3^-$

ANSWER: \_nitrate\_

b) (5)  $\text{MnO}_4^-$

ANSWER: \_permanganate\_

c) (10)  $\text{OCl}^-$

ANSWER: \_hypochlorite\_

d) (10)  $\text{SCN}^-$

ANSWER: \_thiocyanate\_

13. Given a state, identify the second most populous city (not metropolitan area) FTPE.

a) Texas

ANSWER: \_San Antonio\_

c) Iowa

ANSWER: \_Cedar Rapids\_

d) South Carolina

ANSWER: \_Charleston\_

14. Answer the following related questions FTPE

a) On September 10, 1813 nine small American ships engaged a British squadron near Put-in-Bay, Ohio. In what Great Lakes battle did the ragtag American group defeat the British patrol fleet?

ANSWER: Battle of \_Lake Erie\_

b) Who commanded the American fleet at Lake Erie?

ANSWER: Commodore \_Oliver Hazard Perry\_

c) Following the battle, Perry sent a simple message to General William Henry Harrison. The second half was "two ships, two brigs, one schooner, and one sloop." FTP, what was the nine-word first half?

\_We have met the enemy, and they are ours\_

15. 30-20-10, identify the artist.

a) He attended the New York School of Art, studied under Robert Henri, and even exhibited at the 1913 Armory Show. However, he still had to work as a commercial artist well into his 40's to support himself.

b) Most of his works focus on scenes in New York City or the New England countryside. Seascapes with lighthouses were particular favorite subjects.

c) Perhaps his most famous work his 1942 painting, "Nighthawks," showing an all-night caf\_ and its patrons.

ANSWER: Edward \_Hopper\_

16. Answer the following related questions FTSNOP.

a) It is the result of bombarding a metal surface with high-energy electromagnetic radiation -- electrons dislodge from the surface and leave with a velocity directly proportional to the frequency of the radiation. Ten points, name it.

ANSWER: \_photoelectric effect\_

b) This man won the Nobel Prize in physics for his explanation of the photoelectric effect -- namely, that the incident photons acted as particles colliding with electrons. Five points apiece, give the man and the year.

ANSWER: Albert \_Einstein\_, 1921

c) The energy of the incident photons must exceed a threshold level. Photon energy is equal to its frequency multiplied by what constant, approximately equal to  $6.626 \times 10^{-34}$  Joule-seconds?

ANSWER: \_Planck\_ constant

17. Translation, please! F15PE, identify the foreign work of literature from the opening lines. You will receive five points if you need the author.

a) Line: "We were in the study hall when the headmaster entered, followed by a new boy not yet in uniform and by the handyman carrying a large desk."

Author: Gustave Flaubert

ANSWER: \_Madame Bovary\_



b) Line: "On the 24<sup>th</sup> of February, 1815, the look-out of Notre-Dame de la Garde signaled the three-master, the Pharaon, from Smyrna, Trieste, and Naples. As usual, a pilot put off immediately, and rounding the Chateau d'If got on board the vessel between Cape Morgion and the Isle of Rion."

Author: Alexandre Dumas

ANSWER: The \_Count of Monte Cristo\_

18. 30-20-10, identify the saint.

a) Also known as Thaddaeus, he was martyred in Armenia at the hands of the governing Persians. He was brother of both St. James the Less and St. Simeon.

b) Some accounts place him present at the Last Supper, and he later wrote a very brief epistle to the Churches of the East, admonishing them to refrain from the heresies of the Simonians, Nicolaites, and Gnostics.

c) In his epistle, he stressed that the Church must persevere through desperate time. Today he is known as the patron saint of lost and hopeless causes.

ANSWER: Saint\_Jude\_

19. Answer the following questions about women and the presidency, none of whom are Elizabeth Dole, for the stated number of points:

a) FTP, she was the first to do so, running in 1872. Prior to running, she had also been the first female stockbroker, first female newspaper publisher, and had traveled the country as a free-love advocate.

ANSWER: Victoria C. \_Woodhull\_

b) FTP, Woodhull ran with the nomination of this party, whose name simply described their goal.

ANSWER: Women's \_Equal Rights\_ Party

c) F5P, what president won the first election to be covered by the 19<sup>th</sup> Amendment?

ANSWER: Warren G. \_Harding\_

d) Finally, F5P, a three-time congresswoman from New York, she was the first woman on a major party's ticket.

ANSWER: Geraldine A. \_Ferraro\_

20. Identify the following from Norse mythology FTPE.

a) Often called the "Sly One" or the "Trickster," he was also connected with fire and magic. Directly responsible for the death of Balder, he was chained to three large boulders as punishment.

ANSWER: \_Loki\_

b) Patron god of justice, he is Odin's son and considered boldest of the gods. He is depicted without a right hand, it having been bitten off by the wolf Fenris.

ANSWER: \_Tyr\_

c) Also called Gotterdammerung or "twilight of the gods," this event heralds the end of the world. In it, Loki will lead the giants and monsters into battle against the gods, Fenris will devour Odin, and Tyr will defeat the hound Garm.

ANSWER: \_Ragnarok\_

21. FTPE, identify the "missing" member of the following literary groups.

a) Flopsy, Mopsy, Peter, and -BLANK-

ANSWER: \_Cottontail\_ (Peter Rabbit and siblings)

b) Pom, Flora, and –BLANK–  
ANSWER: \_Alexander\_ (Babar's children)

c) Amy, Jo, Meg, and –BLANK–  
ANSWER: \_Beth\_ (March sisters in Little Women, et. al.)

22. Answer the following about Australian geography FTPE

a) Walter Burley Griffin designed this capital city.  
ANSWER: \_Canberra\_

b) Canberra replaced what city as capital in 1927?  
ANSWER: \_Melbourne\_

c) Canberra sits in the Australian Capital Territory, which was carved out of what Australian State?  
ANSWER: \_New South Wales\_

23. Given an individual collegiate football award, identify the position for which it is awarded for the stated number of points.

a) (5) Doak Walker Award  
ANSWER: \_running back\_

b) (5) Butkus Award  
ANSWER: \_linebacker\_

c) (10) Lou Groza Award  
ANSWER: place \_kicker\_

d) (10) Jim Thorpe Award  
ANSWER: \_defensive back\_ (prompt on safety or cornerback)

24. On September 23, Forbes Magazine released its annual list of the 400 richest Americans. Answer these questions about the top few for the stated number of points.

a) F15P, all or nothing, name 3 of the top 5. Hint: 4 of them earned their fortunes in computers & software, 3 with the same company.  
ANSWERS: Willam \_Gates\_ (Microsoft), Paul \_Allen\_ (Microsoft), Warren \_Buffett\_ (Berkshire Hathaway), Steven \_Ballmer\_ (Microsoft), Michael \_Dell\_ (Dell Computer)

b) Now, for an additional 15 points, give the common family surname of the five people tied at 6th place. These five Southerners have a combined wealth of \$85 billion, equal to Gates' fortune.  
ANSWER: \_Walton\_ (Alice, Helen, Jim, John, S. Robson)

25. Identify the following compositions of Igor Stravinsky FTPE.

a) The first public performance of this two-act ballet in 1913 caused riots in the streets of Paris. The plot concerns a pagan ceremony celebrating the renewal of the earth, including the sacrifice of an adolescent girl.  
ANSWER: The \_Rite of Spring\_ (Le Sacre du Printemps)

b) Written on the occasion of the marriage of Rimsky-Korsakov's daughter, this short fantasy for orchestra depicts an evening carnival scene.  
ANSWER: \_Fireworks\_

c) Another work for the Ballets Russes, this 1910 ballet is adapted from a Russian folk tale of the adventures of Prince Ivan with the aid of the title animal.  
ANSWER: The \_Firebird\_