

Technophobia VIII

Round Nine

Berkeley D

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1 Berkeley D Tossups, Round Nine

NOTE TO MODERATOR: Don't read this packet if Berkeley D is in your room.

1. Its side effects can include disruptions of electrolyte balance that can result in cardiac and kidney disease, urinary infections, tearing of the esophagus, and erosion of the fingernails and tooth enamels. Its name derives from the Greek for hunger and ox, and individuals suffering from this disorder usually maintain roughly normal weight. For ten points, name this eating disorder involving repeated eating binges followed by taking laxatives or self-induced vomiting.

Answer: Bulimia nervosa

2. It was a confederation of three allied states, Mema, Wagadou, and its namesake, and twelve garrisoned provinces. Its demise was signaled by the encroachment of the Tauregs in the north and the Mossi states in the south. Its founding is traced to the defeat of the Sasso Kingdom of Samunguru by the Medinka people led by Keita Sundiatta who converted the kingdom to Islam. Its prosperity was based on the trade of salt and gold and it had centers at Djenne and Timbuktu. For ten points, identify this West African empire, succeeding Ghana and preceding the Songhai which reached its height in the 14th century under Mansa Musa.

Answer: Mali

3. Ironically, Frederick Leighton, who denounced this movement's views, painted one its best known works, *Flaming June*. Its members were heavily influenced by the Nazarenes and their subject matter was often taken from Shakespeare, Keats, and Medieval legends. Members, including William Holman Hunt and John Everett Millais, were supported by Ruskin in their opposition to the Royal Academy's manipulation of forms, instead using realistic landscapes and human models. For ten points, name this Victorian art movement led by Dante Rossetti which wished to depart from the work of a Renaissance painter.

Answer: Pre-Raphaelites or The Pre-Raphaelite Brotherhood

4. It was originally invented by Rob McCool at the University of Illinois' National Center for Supercomputing Applications. After he left NCSA, a core of eight developers picked up the project and, from existing code and several patch files, released version 1.0 in 1995. It supports SSI, xSSI, and CGI, in addition to serving plain old HTTP. For ten points, name this primarily UNIX web server software, now serving 63% of websites in existence, which shares its name with a Native American nation of the southwest.

Answer: Apache (accept "_NCSA httpd_" before "eight developers")

5. They developed in England around the Corpus Christi festival and there are four extant cycles: the York, Chester, Coventry and Towneley, the latter of which contains *Noah*, *Herod*, and *The Second Shephard's Play* written by the best writer of this genre, the Wakefield Master. The Passion play was a sub-category concerning Christ's life and, while in England they are synonymous with Miracle Plays, in France that term denotes plays just about the saints and Virgins. For ten points, identify this type of Medieval play which usually chronicles biblical events from the Fall of Satan to the Resurrection of Christ.

Answer: Mystery Play or Mysteries (accept Miracle Plays until it is mentioned)

6. Samuel writes that his best friend was Prince Jonathan, whom he met while playing the harp. He refused a king's matchmaking offer and escaped the palace with Jonathan's help when the King showed signs of wanting to kill him. While he overcame temptation to kill King Saul in the caves, he eventually gave in to his desire for Uriah's wife. For ten points, name this Old Testament king who was the husband of Bathsheba, father of King Solomon, and slayer of Goliath.

Answer: David

7. This work is divided into eight books starting with "The Expulsion of the Intruders" and ending with "The Final Rebellion." The eighth book has a different author, Aulus Hircius, than the other seven which were probably written in the winter of 52-51 B.C.E. Other sections of the book include "Collapse of the Belgic coalition" and "Vercingetorix' defeat in open warfare," and the work as a whole describes the campaigns by its author against the tribes of Belgium, Switzerland, and France. For ten points, name this work by Julius Caesar.

Answer: The Conquest of Gaul or Gallic Wars or De Bello Gallico

8. Korselt was the first to observe the properties of these numbers, but he could not give an example. In 1910, the first known example, 561, was found by their namesake. An odd composite squarefree number n is one of these if and only if it divides the denominator of the $(n-1)^{th}$ Bernoulli number. For ten points, name these Fermat pseudoprimes, also called absolute pseudoprimes since they are pseudoprime to all coprime bases.

Answer: Carmichael numbers

9. It is a polymer made from Galactose, a constituent of the cell walls of the algae from which it is obtained. It is rich in iodine and other trace minerals, and has mildly laxative properties, due to its high fiber content. In cooking, it is used as a thickener, an emulsifier, and a gelling agent; the best variety is known as Kanten, a combination of Gelidium and Euchema algae. However, it may be best known for its use in the laboratory. For ten points, identify this substance which Biologists use as a culture medium.

Answer: Agar

10. They began as a punk band in 1984 under the name *Manic Subsidal* before changing to their present name in 1985. They were always part of the Orange County underground music scene and debuted in 1989 with their self-titled album, followed three years later by *Ignition*. However, they did not receive commercial success until 1994 with their highly successful album *Smash* with such songs as "Come out and Play" and "Self-Esteem." For ten points, name the band that broke into the mainstream with their song "Pretty Fly for a White Guy."

Answer: The Offspring

11. This work was found at Nag Hammadi in 1947, written in the Coptic language, but portions of it had been found in Greek at Oxyrhynchus in 1898. It contains the sayings of Jesus Christ, many of the sayings are very similar to those found in the Gospels of Matthew and Luke. However, this work does not contain a narrative of Jesus' life. For ten points, what is the this Gnostic work, part of the apocryphal gospels and named for a doubting apostle?

Answer: The Gospel of Thomas

12. One of the two substances in this mixture is a strong oxidizer and thus puts the metal into ionic form. The other substance provides chloride ions, which react with those metal ions allowing for the formation of a stable chloraurate complex ion which keeps the concentration of the metal ion down so more such ions are produced. The mixture itself is a fuming yellow liquid which was famously used when Hungarian chemist George de Hevesy of the Niels Bohr Institute dissolved two Nobel Prizes before WWII and then precipitated the metal out of the solution when peace broke out. For ten points, name this 3:1 mixture of hydrochloric and nitric acids, which is able to dissolve gold and is named from the Latin for "royal water".

Answer: aqua regia

13. According to legend, the author wrote this document while using a stone for a seat and a drum for a desk. It was written while the author was serving as an aide-de-camp to General Greene during the American Revolutionary War. Published in December 1776, the document called for Americans to persevere against the British tyrant, both because untold evils would await them if they lost and because glory would await them if they won. However, the author admitted the country's peril in the opening line: "These are the times that try men's souls." For ten points, what is the name of this document written by Thomas Paine?

Answer: The Crisis or The American Crisis

14. Leaders of this entity were instrumental in setting up the Women's Trade Union League and under the guidance of Florence Kelley it did sociological research regarding factories and the urban poor. Modeled on London's Toynbee Hall, it began as a kindergarten but soon added an art gallery, a library, and a gymnasium. Eventually occupying thirteen buildings centered around an old mansion located at 800 South Halstad Street, it ceased operation in 1963 when it was sold to the expanding University of Illinois - Chicago campus. For ten points, identify this social settlement begun by Jane Addams.

Answer: Hull House

15. This college football team won its first national title in '83 without a single player making the All-America first team and quickly became a national powerhouse going on to take the NCAA Championship title in '87, '89, '91, and 2001. The team quickly picked up recognized talent after their first title producing such NFL greats as Warren Sapp, Michael Irvin, and Vinnie Testaverde. For ten points, name this South Florida team, the in-state rival to FSU.

Answer: Miami Hurricanes (Prompt on Miami, Accept Miami, FL)

16. It begins with a conversation between Old Cotter and uncle Jack who agree that boys need to play with children their own age. This is in response to the narrator's spending too much time with an ailing mentor who has just died of a stroke. Later the reader learns from an exchange between the narrator's aunt and Nannie and Eliza, the title characters, that the deceased, Father James Flynn, had slowly been going insane after breaking a chalice. For ten points, identify this story, often said to symbolize the release of the young narrator from the control of the Catholic Church, the first story in Joyce's *Dubliners*.

Answer: The Sisters

17. It has 25 dams on it including the John Martin Dam and Reservoir and its waters formed Royal Gorge canyon. Its upper reaches were explored by Zebulon Pike and, from 1820-1846, it formed much of the border between Mexico and the United States. Its chief tributaries are the Cimarron and Canadian Rivers and it flows through Pine Bluff, Fort Smith, Pueblo, Wichita, Little Rock, and Tulsa. At 1,450 miles long it is the fourth longest river in the United States. For ten points, identify this river which runs from the Rockies until it meets the Mississippi in its namesake state.

Answer: Arkansas River

18. He fell in love with Peggy, a middle aged agoraphobic but lost her when she was hit by a bus. Earlier he went through a custody battle with Mr. Pewterschmidt concerning his relationship with Sea Breeze. He briefly lived with his cousin Jasper in Hollywood where he won a Woody for best directing in an Adult Movie and became a cocaine addict after working in the drug unit of a local police department.

Outside Austin, Texas, he discovered that his mother, who had earlier abandoned him, had been stuffed by her owners. For ten points, identify this canine voiced by Seth MacFarlane, the Griffen family pooch on *The Family Guy*.

Answer: Brian Griffen

19. Many attribute its creation to Dr. Ordinaire, a French expatriate living in Switzerland. It has a clouding effect due to precipitation of the essential oils of herbs such as hyssop, fennel, licorice, and anise. It has an alcohol content ranging from 50 to 75 percent, and was called, due to its dazzling green color produced by the chlorophyll content of the herbs, the "the Green Fairy." For ten points, name this herbal liqueur whose name may have come from the Latin name of wormwood.

Answer: Absinthe (prompt on Green Fairy or Fée Verte or Pastis before "the Green Fairy")

20. Machiavelli called him "a very fierce lion and a most wily fox" and used him as an example of how new princes should act. Historians say that by increasing the pay and decreasing the discipline of his troops he was a major factor in the decline of the Roman Empire. However, he was the first emperor since Trajan to expand the state, adding two provinces beyond the Euphrates after defeating the Parthians and sacking Ctesiphon in 197 C.E.. He came to power after the assassination of Pertinax and the assumption of Didius Julianus but spent his early years crushing rivals Pescennius Niger and Clodius Albinus. For ten points, identify this Roman emperor who founded the dynasty which included Elagabalus and Caracalla.

Answer: Septimius Severus

2 Berkeley D Bonuses, Round Nine

1. Answer the following questions on United States land purchases, ten points each.
 - (a) This 1803 purchase doubled the size of the United States. Although unconstitutional, President Jefferson accepted the purchase because it was an enormous opportunity for the US.
Answer: The Louisiana Purchase
 - (b) This 1853 purchase obtained 30,000 square miles for the United States at a cost of ten million dollars. The land ended up being the southern portions of New Mexico and Arizona.
Answer: The Gadsden Purchase
 - (c) In this treaty, the United States paid five million dollars for Florida. In return, the United States relinquished its claims to Texas.
Answer: The Adams-Onís Treaty
2. FTPE, given a quote from an essay by Emerson, supply the title.
 - (a) "Nothing at last is sacred, but the integrity of your own mind. Absolve you to yourself, and you shall have the suffrage of the world."
Answer: "Self-Reliance"
 - (b) "If the single man plant himself indomitably on his instincts, and there abide, the huge world will come round to him."
Answer: "The American Scholar"
 - (c) "This deep power in which we exist, and whose beatitude is all accessible to us, is not only self-sufficing and perfect in every hour, but the act of seeing and the thing seen, the seer and the spectacle, the subject and the object, are one."
Answer: "The Over-Soul"
3. Identify these authors from around the world.
 - (a) This native of Sri-Lanka who is now a lit professor in Toronto began his career as a poet but is best known for his 1992 Booker-Prize winning novel *The English Patient*.
Answer: Michael Ondaatje
 - (b) This South African and winner of the 1991 Nobel is the author of novels such as *A Guest of Honor*, *The Conservatist* and *July's People*.
Answer: Nadine Gordimer
 - (c) A native of India this author of the novels *Mistress of Spices* and *Sister of My Heart* now lives in the U.S. She may be best known for her short-story collection *Arranged Marriage*.
Answer: Chitra Banerjee Divakaruni
4. Identify the fin de siècle artists from clues for ten points each..
 - (a) This art editor for *The Yellow Book* and member of the English Aesthetes is best known for his pen and ink drawings which illustrated Oscar Wilde's *Salome*.
Answer: Aubrey Beardsley
 - (b) The decadence and opulence of the fin de siècle period is well illustrated by the paintings this member of the Vienna Succession including *Love*, *The Beethoven Frieze*, and most famously, *The Kiss*.
Answer: Gustav Klimt

- (c) A painting of his, *Snake Charmer at Tangiers*, hangs in the Metropolitan Museum but he is best known as an interior decorator of the art nouveau style. His studio produced furniture, mosaics, and most famously, stained glass lamps.

Answer: Louis Comfort Tiffany

5. Identify the stuff about the early conflicts between Protestants and Catholics in Germany.

- (a) The insurgents of this 1524-25 uprising were mostly concerned with economic gains but justified themselves in terms of Luther's religious views. Luther disowned the insurgents and who were savagely put down by the Swabian League.

Answer: Peasant's War (do not accept Peasant's Revolt which occurred in England in the 14th century)

- (b) This radical started a communistic theocracy in Muhlhausen and supported the Peasant's war. He is highly regarded by Marxists and although he did not believe in baptism at all he is often associated with the Anabaptists.

Answer: Thomas Munzer

- (c) This 1555 Treaty ended the first spate of religious wars and declared that German princes would choose which religion would be practiced in their territories.

Answer: Peace of Augsburg

6. Answer some questions about evolution for ten points each..

- (a) As opposed to Darwin's theory of gradual evolution, this theory suggests that evolution occurs at an irregular rate, with sporadic spurts of activity.

Answer: Punctuated Equilibrium

- (b) Name the originator of Punctuated Equilibrium.

Answer: Stephen Jay Gould

- (c) A creature born with a striking new adaptation is called this, because of his potential to be the progenitor of a new species and his freakish nature.

Answer: hopeful monster

7. Given some songs, name the metal band FTPE.

- (a) "Cowboys from Hell", "Symphony of Destruction", "Walk" Answer:

Answer: Pantera

- (b) "The Unforgiven", "Fade to Black", "Call of Ktulu" Answer:

Answer: Metallica

- (c) "Hallowed Be Thy Name", "Caught Somewhere In Time", "The Trooper"

Answer: Iron Maiden

8. Answer the following questions on the Mexican Revolution, ten points each.

- (a) Although he promised he wouldn't, this 80-year-old dictator again ran himself for reelection in 1910.

Answer: Porfirio Díaz

- (b) He ran against Díaz in the election of 1910 and issued the Plan de San Luis Potosí, in which he called on the Mexican people to take up arms against Díaz's government.

Answer: Francisco I. Madero

- (c) Francisco Madero studied agriculture at this institution of higher learning.

Answer: University of California or UC Berkeley
other names for Cal, within reason, also acceptable

9. Answer the following related questions for ten points each..

- (a) What actress, who also starred in *The Most Dangerous Game*, *The Countess of Monte Cristo*, and *Doctor X*, played Ann Darrow the female lead in the original *King Kong*?

Answer: Fay Wray

- (b) This actress appeared in *Blackboard Jungle*, *Bad Day at Black Rock*, and *Funny Girl* but is probably best remembered for her performance opposite Leslie Nielsen in *Forbidden Planet*.

Answer: Anne Francis

- (c) Doctor X, King Kong, Fay Wray, Forbidden Planet and Anne Francis along with Flash Gordon, Jannette Scott, and Claude Rains are mentioned in the song "Science/Fiction Double Feature" which opens what 1975 cult classic?

Answer: The Rocky Horror Picture Show

10. Answer these questions on Italian unification, ten points each.

- (a) Who was the first king of a united Italy from 1861-1878?

Answer: Victor Emmanuel II

- (b) This Genoan native worked for the unification of Italy by forming his *Giovane Italia* or Young Italy movement that called for the union of all the separate kingdoms into one nation.

Answer: Giuseppe Mazzini

- (c) After unification of Italy, Mazzini formed this society, whose aims were the unification of Europe.

Answer: Giovane Europa or Young Europe

11. The Florida Marlins recently won the World Series defeating the New York Yankees, FTPE name the following:

- (a) This is the year the Marlins joined the National League.

Answer: 1993

- (b) This is the year the Marlins won their first World Series.

Answer: 1997

- (c) In 1997 World Series, the Marlins beat this team that had previously lost to the Atlanta Braves in the 1995 World Series.

Answer: Cleveland Indians

Accept Either

12. 3: Name the animals that Gods and heroes rode into battle on from clues for ten points each..

- (a) Odin rode this eight-legged steed. He was the offspring of Loki and Svadilfari.

Answer: Sleipnir

- (b) This offspring of Zephyr and the harpy Podarge prophesizes his master, Achilles, death when Achilles upbraids him for not bringing back Patroclus's body.

Answer: Xanthos or Xanthus (his brother his Balios which is not a correct answer)

- (c) Indra rides this elephant king who emerged from the water when the Gods churned the ocean.

Answer: Airavata or Ardh-Matanga or Arkasodare or Naja Malla

13. Identify the following about a certain Greek city.

- (a) This Corinthian colony in Sicily was ruled by tyrants like Gelon and Dion and defeated the Athenians in 414 B.C. It was finally sacked by the Romans led by Marcellus in 212.

Answer: Syracuse

- (b) This name was shared by two of the greatest tyrants in Syracusan history. The first was a patron the arts who had Pindar and Aeschylus at this court while the second was one of Rome's greatest allies against Carthage after being defeated by Appius Claudius in 265.

Answer: Hieron or Hiero (I and II)

- (c) This "scourge of tyrants" dispatched by Corinth to their former colony, defeated the tyrants Dionysius the Younger and Hicetas of Leontini before turning back the Carthaginians in 341 B.C.

Answer: Timoleon

14. Identify the characters from Bram Stoker's *Dracula* for ten points each..

- (a) This attorney begins the novel with his diary account of his experiences in *Dracula*. Later he joins the fight to stop *Dracula* especially when his wife, Mina, is taken under the Count's spell.

Answer: Jonathan Harker

- (b) This Dutchman is brought in by his former student Dr. Seward to help cure Lucy Westenra. He is the first to suspect a vampire is responsible and later kills *Dracula*'s wives when the group tracks *Dracula* to Transylvania.

Answer: Doctor Abraham Van Helsing

- (c) A patient in Dr. Seward's asylum, this character is zoophagous and comes under *Dracula*'s influence. He lets *Dracula* in to the asylum allowing him to get at Mina but *Dracula* then kills him.

Answer: Renfield

15. It's time to play "expand the quiz bowl canon" with a few meteorology questions. (I promise it won't hurt much.)

- (a) When rain falls from aloft into very dry air, water evaporates, making the drops fall slower and then appear to suspend in the sky. What is this phenomenon called?

Answer: Virga

- (b) The amount of moisture in the air- the humidity, if you will- is measured by what instrument?

Answer: Hygrometer

do NOT accept "hydrometer," but prompt on any form of psychrometer

- (c) A whole lot of moisture contributed to a hurricane which nearly wiped this Texas city off the map in 1900, killing more than 6,000 people.

Answer: Galveston

16. Generally, aphasias can be divided into four broad categories. FTPE, given the description, give the name of the aphasia.

- (a) This aphasia involves difficulty in conveying thoughts through speech or writing. The patient knows what he wants to say, but cannot find the words he needs.

Answer: expressive or ataxic or nonfluent or Broca's aphasia

- (b) This aphasia involves difficulty understanding spoken or written language. The patient hears the voice or sees the print but cannot make sense of the words.

Answer: receptive or sensory or fluent or Wernicke's aphasia

- (c) This is the least severe form of aphasia; the patient has difficulty in using the correct names for particular objects, people, places, or events.

Answer: anomic or amnesiac aphasia or anomia

17. Identify the philosophical argument or problem from clues for ten points each..

- (a) In Book VII of The Republic Plato uses this analogy to explain his theory of the Forms. There are prisoners watching a puppet show in the titular location. One of them escapes and sees things as they really are but can't convince his fellow prisoners that what they has all seen was not reality.

Answer: Allegory of the Cave

- (b) In general this is an argument for the proof of God from a priori principles only. In the most famous version in Anselm's Proslogion it argues that because God is a Being "a greater of which cannot be conceived" and existence is a good thing, then God must exist.

Answer: Ontological Argument

- (c) In this problem used in discussions of utilitarianism the reader is at the controls of the runaway trolley and can either flip a switch and kill one person or do nothing and kill five.

Answer: Trolley Problem

18. Identify the following concerning the library of Alexandria from clues for ten points each..

- (a) This First Director of the Library establish a sound text of Homer's work and compiled a glossary of rare words. He also organized the library by putting it in alphabetical order, becoming the first to do so.

Answer: Zenodotus

- (b) The Director of the Library from 245-240 he is best known for coming up with a surprisingly accurate figure of the Earth's circumference applying geometry to the rays of the sun.

Answer: Eratosthenes

- (c) This city of North-West Asia Minor, the capital and namesake of an empire ruled by the Attalid dynasty, had a library founded by Eumenes II which rivaled the one at Alexandria.

Answer: Pergamum

19. Identify works of literature which focus on baseball for ten points each..

- (a) John Baal and Roland Agni are among the players for the woeful Rupert Mundy's the only homeless team in baseball and the subject of this pretentiously titled Philip Roth work.

Answer: The Great American Novel

- (b) Aging pitcher Billy Chapel reminisces about his past while tossing a perfect game in this novella by Michael Shaara which was made into a Kevin Costner movie.

Answer: For Love of the Game

- (c) Gideon Clarke's attempt to prove that, in 1908, the Chicago Cubs played a 2,000 inning game with the titular organization is the subject of this W.P. Kinsella novel.

Answer: The Iowa Baseball Confederacy

20. Answer a few questions about binary phase diagrams for for ten points each.

- (a) A binary phase diagram shows percent composition versus this, which is a measure of the average kinetic energy of the particles in a sample of matter.

Answer: Temperature

- (b) This is the lowest possible temperature of solidification for any mixture of specified constituents.

Answer: Eutectic point

- (c) This principle is used to determine the exact composition of a substance at a given temperature.

Answer: Lever rule