

**11 March SRV Wolfpack Classic**  
**Round 8 -- Toss-ups**

1. In 1600, Sir William Gilbert proposed that the Earth was a huge one of these, an effect possibly explained by a dynamo effect from the minerals in a liquid state contained in the outer core. Considering the Earth as one, its moment is 8.0 times 10 to the 22nd joules per tesla [8.0E22 J/T]. FTP name this type of material most often identified with iron.

**magnet**

2. This religious group was founded in the 7th century as a political faction supporting the fourth caliph, the son-in-law of Mohammad and advocating the legitimacy of Ali's descendents, the Alids. The Safavid dynasty of Iran made it the sole legal faith of its empire. FTP, name this Muslim group which has established a foothold in Yemen, Iraq, and Iran over the centuries.

Shi'ah

**Shi'ite OR Shi'ism OR**

3. Roughly 26 miles in length, its concrete slabs were about 4 meters high and are sometimes topped by barbed wire and large metal pipes. Guard dogs and mines could usually be found on one side of it. FTP, name this former landmark whose construction was begun in 1961, where over 70 people died while trying to cross to a noncommunist city before it was finally torn down.

Ans: **Berlin Wall**

4. The most nearly complete original version is at the Asiatic Society library in Calcutta and has 516 A-A-B-A rhymed epigrammatic quatrains. One famous translation of this work was done in 1968 by Robert Graves in collaboration with Sufi poet Ali-Shah. FTP, name this work by a 12th-century Persian poet which was most famously translated in 1859 anonymously by Edward Fitzgerald.

Answer: **Rubaiyat of Omar Khayyam** (prompt on Rubaiyat)

5. This protege of Louis Sullivan was the subject of a 1970 musical tribute by Paul Simon. Much of his work was residential, such as the Robie House, but his Imperial Hotel in Tokyo was so technically sound that it survived the terrible earthquake of 1923. FTP name this organic architect famed for the spiral design of the Guggenheim Museum and for the house in Pennsylvania known as Falling Water.

**Frank Lloyd Wright**

6. Its inventor, Abraham Gesner, hoped that it would curb whale hunting. Its name comes from the Greek for wax, and it is a pale liquid fuel distilled from thick crude oil. Identify this close relative of gasoline, known also as lamp oil, coal oil, and paraffin oil.

**Kerosene**

7. The "Exon" volume, kept in the cathedral chapter of Exeter, gives a detailed account of Wilts, Dorset, Somerset, Devon, and Cornwall, while the "Exchequer" volume covers most of the rest of England. FTP name this great book compiled by order of William the Conqueror.

**Domesday Book**

8. His family wanted the 1000-pound bronze statue of him smoking a pipe and wearing a fedora while sitting on a bench placed at his home, Rowan Oak, or on the campus of the University of Mississippi. Instead a magnolia tree was torn down to make room for it in front of the City Hall of Oxford, Mississippi. FTP name this Southern author of *Sartorius*, *Intruder in the Dust*, and *As I Lay Dying*.

**William Faulkner**

9. This daughter of Tantalus in Greek mythology had six sons and six daughters. When she commanded the people of Thebes to worship her instead of Leto, Apollo and Artemis killed all her children. FTP name this queen who was turned into a stone that was forever wet with her tears.

**Niobe**

10. Its logical category is that once we express out mental states linguistically, they become public physical states, while its hard form is wholly materialistic. FTP, J.B. Watson originated what "hard science" approach to psychology championed by B.F. Skinner?

**behaviorism**

11. He graduated from Stanford University in 1895 and began his career as a mining engineer. He served as US Food Administrator and as Secretary of Commerce. He was defeated in his reelection bid because, despite his experience in disaster control, he mostly waited for the Great Depression to correct itself. FTP name this President elected in 1928?

answer: Herbert **Hoover**

12. In medicine, one type of tomography injects certain isotopes into the body and tracks photons resulting from emission of these particles. Gamma rays with energies of more than 1 million electron volts striking the nuclei of atoms produce pairs consisting of electrons and these, which would produce a burst of photons if they met. FTP, name these particles, confirmed in 1932 by Carl David Anderson after being theorized in 1928 by Paul Dirac.

Answer: **positrons** (positive electron or antielectron)

13. Fed by 336 rivers including the Selenga and the Turka, this lake can be navigated from May to October by wooden rafts. The oldest freshwater lake in the world; it is also the only freshwater lake containing hydrothermal vents. FTP, name this Siberian lake, which contains about one fifth of the world's supply of fresh water.

Answer: Lake **Baikal**

14. The 3rd generation of a eccentric doctor is a lecturer at Medical School who is upset to learn he has inherited the family castle. Eccentric characters inhabit the castle, including the caretaker whose name causes horses to neigh. He discovers his progenitor was right, that one can reanimate the dead, but the project goes awry when an abnormal brain is used on the patient. FTP name this Mel Brooks movie starring Gene Wilder and Marty Feldman.

answer: **Young Frankenstein**

15. "Humor," this author wrote, "is emotional chaos remembered in tranquility." His own writing illustrated this definition. Generally straight-faced, speaking in steady tones, he tranquilly described his chaotic world of bewildered men, seals in bedrooms, stuffed ex-wives on top of bookcases, and plump boneless dogs with flapping ears. For ten points, name this author, whose works include *The Thirteen Clocks*, and "The Secret Life of Walter Mitty."

**James Thurber**

16. The father of English common law, he was heartbroken to find his son John on a list of his enemies. Unlike Louis VII of France, this king produced sons in a marriage to Eleanor of Aquitaine, including Richard. For ten points, name this English king who appointed Thomas Becket Archbishop of Canterbury.

**Henry II**

17. A member of the Phylum Cnidaria, the Class Hydrozoa, and the Order Siphonophore, these pelagic creatures prefer the ocean surface where they can use their swimming bell as a floating sail while dragging their lengthy tentacles (the record for which is 75 feet) behind to stun and capture prey. Numerous nematocysts puncture and send neurotoxins into the

tangled animals. FTP, name these marine creatures which appear bluish-pink in the temperate oceans where they are found.

answer: **Portugese man-of-war** or physalia

18. The night before he died he promised his wife he'd spend more time at home with her and his baby son. Killed in a plane crash, he left behind such humorous blue collar songs as "Roller Derby Queen" and ballads like "Operator", and "I'll Have To Say I Love You In a Song." FTP, name the Philly-born singer/songwriter of classic hits such as "Bad, Bad Leroy Brown."

ans: Jim **Croce**

19. The Russian name for it translates to "Frozen Star"; they use that term because Russian translation of the more common American name is considered obscene. John Mitchell predicted their existence in 1784. FTP give the common name for these bodies so massive that not even light can escape their gravitational pull.

Answer: **black hole**

20. The major force behind the liberal movement called La Reforma, he was provisional President during the War of Reform. He won three terms as President before his ouster by Sebastian Lerdo de Tejada. FTP name this revered Mexican leader, for whom is named the city just across the Rio Grande from El Paso.

Answer: Benito **Juarez**

21. It may surprise you that oral doses of extracts of this plant have been available in American pharmacies since 1986. Already widely known to ease nausea, it is also used for glaucoma FTP, give the common name for Cannabis sativa which is the carrier of both the profitable and aesthetically-pleasing THC extract.

ans: **marijuana** [on any of the many possible synonyms, prompt for more information]