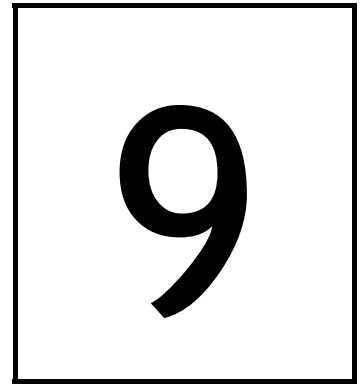


Tossups by  
North Carolina &  
Johns Hopkins



- 1 On the left, a man kneels by a lake to catch a fish. In the center, before a group of eleven men, that same man argues with [\*] Christ and a tax collector in a short orange tunic. On the right, that same man, Peter, stands before a building rendered in linear perspective, and pays the tax collector with coins he found in the fish's mouth. For 10 points—name this fresco by Masaccio.

ANSWER: *The Tribute Money*

- 2 While the *E. coli* form of this enzyme requires NAD as a cofactor, the most common form requires ATP and is derived from the T4 bacteriophage. It is used in gene cloning in the step directly after [\*] digestion of the vector and insert by restriction enzymes. For 10 points—name this enzyme whose main function is a 5' to 3' [5 prime to 3 prime] transesterase reaction that fuses two “sticky ends” of DNA.

ANSWER: ligase

- 3 This opera has been compared to *The Little Mermaid*, only in a forest lake and with a tragic ending. It tells the tale of the daughter of a [\*] Water-Gnome, who falls in love with a prince and becomes human in order to be with him, but ends up becoming a spirit of death when he spurns her. For 10 points—name this opera which includes the “Song to the Loon,” written in 1900 by Antonín Dvořák.

ANSWER: Rusalka

- 4 It was named by the Portuguese explorers who first discovered it after its predominant plant life. First discovered by [\*] Christopher Columbus, it covers over two million square miles. For 10 points—name this “wide” region of the North Atlantic filled with seaweed, immortalized in a novel by Jean Rhys.

ANSWER: Sargasso Sea [accept Wide Sargasso Sea]

- 5 In Hindu mythology, Shiva drained a giant lake in this region, allowing people to settle there, explaining the many [\*] temples in his honor in this province. Islam came to the region in the 13<sup>th</sup> century; it has been the site of religious conflicts for the last two centuries, especially since the creation of Pakistan. For 10 points—name this region in northern India, on whose border India and Pakistan massed troops in January 2002.

ANSWER: Kashmir [accept Jammu and Kashmir]

**6** He dropped out of high school to attend the Naval Academy, from which he graduated in 1905. By 1941, he had achieved command of the US [\*] Pacific fleet, and helped MacArthur develop the “island hopping” strategy. For 10 points—name this First Admiral who, aboard the USS *Mississippi*, received Japan’s surrender in World War II.

ANSWER: First Admiral Chester William Nimitz

**7** Originally intended as a meeting on commerce regulations, it was attended by just 12 delegates, including Alexander Hamilton and James Madison. It adjourned when it became clear that no action could be taken without altering the [\*] Articles of Confederation. For 10 points—name this September 1786 meeting whose most important action was a resolution to call for a Constitutional Convention in May 1787.

ANSWER: Annapolis Convention

**8** The American version is based on the French version, created by Charles de l’Epe in the 1700s. It has been used on TV by Dr. Romano on *ER* and by Linda the [\*] librarian on *Sesame Street*. Currently the primary mode of communication for over 400,000 Americans—for 10 points—name this language whose American form was introduced in Hartford, Connecticut in 1817 by Charles Gallaudet.

ANSWER: sign language or ASL or American Sign Language

**9** In 1968, the US Treasury stopped redeeming silver certificates for silver dollars or bullion, ending the conversion from a representative system of [\*] money to this type of system, which began with the abolition of the gold standard in the 1930s. This type of money cannot be exchanged for gold or silver, but is backed by the federal government as legal tender. For 10 points—name this type of money with no intrinsic value.

ANSWER: fiat money system

**10** His first acting role was in a commercial for Northwest Airlines—fitting for a boy growing up near Minneapolis. His big break was playing Robert Pastorelli’s son on the short-lived [\*] *Cracker*. He was one of two actors to appear in six films released in 2001—although one was filmed over two years ago. For 10 points—name this actor who has appeared in *The Faculty*, *The Virgin Suicides*, *Pearl Harbor*, *O*, and *Black Hawk Down*.

ANSWER: Josh(ua) Daniel Hartnett

**11** In its first degree, it is “perfect” or personalized. Its second-degree form includes “self-selection” schemes, and is based on quantity or versioning. The third-degree form, [\*] “market-segmentation,” is based on group differences. For 10 points—name this sometimes illegal practice of charging different amounts for the same good.

ANSWER: price discrimination

**12** Some historians believe he may have been killed for his role in an attempt to kill King Haakon IV of [\*] Norway. His greatest work is believed to be a handbook for novice poets who wanted to preserve pagan stories and traditions, though it may be more famous for its compendium of Scandinavian myths. For 10 points—name this Icelandic author of the Prose, or Younger, Edda.

ANSWER: Snorri Sturleson or Snorri Sturluson

**13** He has advocated repealing the Endangered Species Act and abolishing the IRS, and has stated that China tried to make Al Gore President. Known for his “one-minute speeches” on various topics, often using the phrase [\*] “Beam me up”—for 10 points—name this Ohio Democrat who, in May 2001, was indicted on charges of bribery, tax evasion, and racketeering.

ANSWER: James A. Traficant, Jr.

**14** The story of a quest for a Buddhist *sutra* in India, it begins with the account of the origins of the [\*] Monkey spirit, and then tells how the monk Xuanzong [SHWAN-zung], with his disciples Monkey, Pig, and Friar Sand, overcome the obstacles in their path. The inspiration behind NBC’s bizarre miniseries *The Lost Empire*—for 10 points—name this work written down in the 1570s by poet Wu Cheng’en.

ANSWER: *Record of a Journey to the West* or *The Monkey King* or *Hsi-yu chi*

**15** This kingdom’s common name meant “pacified South.” Conquered in 111 BC, it drove out its oppressors in AD 939, and except for one 21-year occupation, retained its independence until the 1800s. By [\*] 1558 it was divided between two powerful families, based in Hue and Tonkin. Reunited and renamed in 1802 by General Nguyen-Anh—for 10 points—name this kingdom located in the northern part of modern Vietnam.

ANSWER: Annam [do not accept “Vietnam”] or Trung Ky

**16** This work quotes scenes from *’Tis Pity She’s a Whore* and *Miss Julie*. The main character in this semi-autobiographical [\*] play is Henry, a two-timing playwright who deals with questions of infidelity and identity as he struggles with his marriage and career. For 10 points—name this Tom Stoppard play that opens with a play-within-a-play.

ANSWER: *The Real Thing*

**17** For a bacterium swimming in water, it is roughly  $10^{-6}$  [10 to the minus sixth power], while for a whale swimming in the ocean, it is over  $10^8$  [10 to the eighth power]. As this number [\*] increases, the flow of liquid becomes more disorderly. The product of velocity, length, and fluid density divided by viscosity—for 10 points—name this “number” that measures turbulence.

ANSWER: Reynolds’ number [prompt on “Re”]

**18** This author, born in 1944 in Durham, North Carolina, sets many of his novels in that state. After graduating from the University of North Carolina with an English degree, he served in the Air Force and taught high school English before writing his first novel, [\*] *Raney*, in 1986. For 10 points—name this banjo-playing author of *Killer Diller* and *Walking Across Egypt*.

ANSWER: Clyde Edgerton

**19** Between 1880 and 1909, at least five million people were killed or died of starvation, disease, or exhaustion in this African colony known for its rubber industry. The Conference of [\*] Berlin deeded it to Leopold II who let his country annex it in 1901. For 10 points—name this former colony, the subject of Adam Hochschild’s *King Leopold’s Ghost*.

ANSWER: Belgian Congo [prompt on “Congo” or “Zaire”]

**20** In June 2001, scientists announced that there may be one in orbit around the star Zeta Leporis. The first hint of its existence in our solar system came in 1801, when Giuseppe Piazzi first saw an object thought to be a [\*] comet. Its location was accurately predicted by Bode's law. For 10 points—name this feature of the Solar System, almost three astronomical units from the Sun, whose largest object is Ceres.

ANSWER: asteroid belt

**21** He was the advisor to 30 of the first 54 American PhD recipients in psychology. Interested in child development, and eugenic theory, he earned his PhD at Harvard in 1878. In 1881, he founded the first [\*] laboratory for psychology in the US at Johns Hopkins. The founder of the *American Journal of Psychology*—for 10 points—name this psychologist, the first president of the American Psychological Association.

ANSWER: G(ranville) Stanley Hall

**22** Marty Pattin. Pete LaCock. Dave Chalk. Darrell Porter. U.L. Washington. Jamie Quirk. John Walthan. Larry Gura. [\*] Dennis Leonard. Hal McRae. Amos Otis. Frank White. Willie Wilson. Dan Quisenberry. George Brett. For 10 points—these players all played on what baseball team that lost Dallas Green's Philadelphia Phillies in the 1980 World Series?

ANSWER: 1980 Kansas City Royals [accept Royals or Kansas City after end of question]

**23** This name was probably given to at least two separate, but similar tribes; they have been "located" in both Libya and along the Sea of Azov, where their capital lay at [\*] Themiskyra [theh-mih-SKY-ruh]. Their name comes from their practice of self-mutilation to increase their hunting prowess. For 10 points—name these warrior women of Greek myth.

ANSWER: Amazon(s)

**24** The final day is the only one to commemorate a male. The first day is devoted to worship of [\*] Lakshmi, the goddess of wealth. The second day is usually devoted to Kali. The fourth day marks the Lunar New Year. But it is the lighting of thousands of tiny oil lamps on the third day that is most associated with—for 10 points—what Hindu festival of lights?

ANSWER: Divali or Diwali [accept Festival of Lights on early buzz]

**25** A July 16, 2001 prediction that this volcano would erupt the next day was accurate to within three minutes. The lava flow threatened the town of [\*] Nicolosi, making it this volcano's most dangerous eruption since 1992, when lava entered the town of Zafferana. For 10 points—name this oldest active volcano in the world, found on Sicily.

ANSWER: Mount Etna

**26** The first signs are usually weakness in the hands, and rapid twitching in the lower legs. In 1993, researchers located the gene that causes this disease, first described by neurologist [\*] Jean Charcot [shar-KOT] in 1874. Muscles lose their nerve supply, causing them to atrophy, rapidly causing paralysis and death. For 10 points—Stephen Hawking suffers from what disease commonly called Lou Gehrig's disease?

ANSWER: ALS or Amyotrophic Lateral Sclerosis [accept Lou Gehrig's disease on early buzz]

**27** It is home to the “Dryad’s Bubble,” the “Lake of Shining Waters,” and a “Lover’s Lane.” Its inhabitants include the Lyndes, the Barrys, the [\*] Cuthburts, and Anne Shirley, an orphan adopted by Marilla and Matthew Cuthbert. For 10 points—name this fictional Canadian town described in the novels of Lucy Maud Montgomery.

ANSWER: Avonlea, Prince Edward Island

**28** This shortstop, a three-time All-American, transferred from Western Illinois to UCLA, winning a national championship there, and sharing the All-University Athlete Award with Jackie Joyner-Kersey. Leading the US national team to a [\*] gold medal in the 1996 Olympics, she batted .273 with 3 home runs and 7 RBI. For 10 points—name this softball star, an orthopedic surgeon also known as “Dr. Dot.”

ANSWER: Dorothy “Dot” Richardson [accept Doctor Dot on early buzz]