

Extra Packet for 1997 Deep Bench
Compiled from MIT Beaver Bonspiel IV - Swarthmore and Harvard packets

1. He provoked scandal when he pursued a love affair with his protegee, Suzanne Farrell. He defected in 1924 while on a European tour, and joined Diaghilev's company in Paris. In 1934 he came to America, founding first the school of American ballet, and then the New York City Ballet. FTP, who was this influential figure in American ballet, a Russian-American choreographer known throughout the dance world simply as Mr. B?

answer: George BALANCHINE (or Georgi Melitonovich _Balanchivadze_)

2. This book was awarded the Booker Prize for fiction in 1981. It contrasts the lives of two characters, Shiva, and Saleem Sinai, each of whom are born in a Bombay hospital August 15, 1947, at the stroke of midnight—just as India becomes independent. FTP, identify this allegorical novel from author Salman Rushdie.

answer: MIDNIGHT'S CHILDREN

3. First plotted in 1911, and independently plotted again two years later, it is named for a Dane and an American. Its main features are the white dwarfs in the bottom left, a handful of Red Giants and Blue Supergiants, and the central Main Sequence. FTP, identify this diagram used in astronomy, in which the luminosity and temperature of stars are related to each other.

answer: HERTZSPRUNG-RUSSELL diagram (prompt on: H-R diagram)

4. In her most famous film role, in 1933, she was attacked by a giant snake, a pterodactyl, AND a tyrannosaur. A Polynesian tribesman attempted to buy her, but she was ably defended by first mate John Driscoll. FTP, name the actress who portrayed Ann Darrow, a starving but beautiful flapper taken by photographer Carl Denham to Skull Island, where she first encountered King Kong.

answer: Fay WRAY

5. Pope Gregory IX launched a crusade against him in order to win Russia from Greek to Latin Christianity. Later attacked by a Swedish army at Neva, this leader of the republic of Novgorod was victorious, but was soon exiled for being too popular. FTP, identify this Russian leader who was recalled to battle the ~~Teutonic~~^{Livonian} Knights on the ice of Lake Peipus, the subject of an epic film classic by Sergei Eisenstein.

answer: ALEKSANDR NEVSKY

6. Its name is believed to have been derived from the Hindi for "elephant river," and it forms from the confluence of the Nmai and Mali rivers. Flooding during the monsoon season allows the cultivation of rice paddies, and alluvium carried by the river helps make the country far more fertile. Its delta opens into the Andaman Sea, and its chief inland port is Mandalay. FTP, name this longest river of Myanmar.

answer: IRRAWADDY River

7. It is three hours and 40 minutes long, including a ten-minute break. Sections one and two are 30 minutes long, with seven sentence completions, nine analogy questions, 11 reading comprehension questions, and 11 antonym questions. The four other sections test quantitative ability and analytical ability. FTP, identify this exam administered by the Educational Testing Service, the SAT of graduate school.

answer: G_raduate R_ecord E_xamination or GRE

8. Sometimes called the "great mimicker," this joint disorder frequently manifests itself through symptoms such as headaches and ringing in the ears. However, it is actually caused by cramping of the jaw muscles, which leads to pain around the jaw joint. For 10 points, name this disorder known for its characteristic clicking of the jaw.

answer: TMJ (or temporomandibular joint) disorder; also accept TMD, or temporomandibular disorder)

9. His only surviving piece is a treatise on agriculture, which repeated old superstitions and gave conservative first-hand advice on how to run a farm. Tradition, in fact, was the centerpiece of his political career: he fought against all Greek influence and strove to restore old Roman virtues and morality, while quarrelling with the Scipios and serving as quaestor, aedile, praetor, and censor. FTP, name this statesman of the Roman Republic, known for the quote "Carthage must be destroyed."

answer: Marcus Portius CATO THE ELDER (prompt on just Cato)

10. When he died in 1745, he left his fortune to build an insane asylum, and was buried under an epitaph meaning "Where bitter indignation can no longer tear his heart." This burial took place in the Deanery of St. Patrick's Cathedral in Dublin. FTP, identify this clergyman, writer, and misanthrope, the author of "The Battle of the Books" and "A Modest Proposal."

answer: Jonathan SWIFT

11. They keep the metric system down and hold back the electric car. They rob cave fish of their sight and rig every Oscar night. They leave Atlantis off the maps and keep the Martians under wraps. FTP, what is this super-secret organization led by Number One, whose voice was provided by Patrick Stewart on The Simpsons?

answer: The STONECUTTERS

12. According to Ovid, he came upon two snakes copulating in the road. Separating them with his staff, he found himself turned into a woman. Years later, he found the snakes at it again, separated them, and became a man. Zeus and Hera then used him to judge whether women or men had a better time during sex. Hera didn't like his answer, so she blinded him. FTP, name this figure, to whom Zeus gave the gift of prophecy.

answer: TIRESIAS

13. He was born in New York, and last month died there, of pneumonia. He was a pioneer in the field of pop art, known for his ironic, cartoon-like panel paintings. FTP, name this creator of "Whaam" and "Big Party."

answer: Roy LICHTENSTEIN

14. According to the Fundamental Law of Welfare Economics, a perfectly competitive economy will eventually reach this state under normal circumstances. It will then be impossible to make one person better off without making someone else worse off. FTP, name this condition, named for an Italian economist and sociologist.

answer: PARETO OPTIMALITY or PARETO EFFICIENCY

15. His formal education, at the district school and Haverhill Academy, was limited, but he greatly admired Milton and used the Scottish poet Robert Burns as a model for his early work. His first poem was published in William Lloyd Garrison's newspaper, and Garrison's abolitionist views informed his later works. FTP, identify this Quaker poet and anti-slavery activist, the author of "Ichabod," "Barbara Frietchie," and "Snow-Bound."

answer: John Greenleaf WHITTIER

16. His secret marriage to the Catholic Maria Fitzherbert should have disqualified him from the throne, but he was cleared to become king when the marriage was declared invalid. By the age of 17, he had become (in his own words) "rather too fond of women and wine," and his attempt to divorce Caroline of Brunswick caused a national sensation in the early 1820s. FTP, name this gambling and womanizing friend of Charles James Fox who became King of England in 1820 after nearly a decade as the country's regent.

answer: GEORGE IV

17. Where f has n derivatives at c , the first is defined as f of c , the second is the first plus f prime of c times $(x$ minus $c)$, and the third the second plus f double prime of c over 2 factorial times the quantity x minus c squared. FTP, identify these polynomials, which approximate the function e to the x , named for a 17th century English mathematician.

answer: TAYLOR Polynomials

18. France, the United States, Sweden and Germany have been its last four winners. In November, the United States will face Sweden for the 1997 title, which can be earned by winning at least three of the five scheduled matches, both singles and doubles. FTP, identify this annual international men's team tennis tournament.

answer: DAVIS CUP

19. The German equivalent of the Polish joke mocks residents of these islands, speakers of the language most similar to English. The main industry is tourism, followed by fishing, potato growing, and cattle-raising, and the German government has spent millions to save these islands from the sea. FTP, name this North Sea island group which extends from northwestern Holland along the German coast and just past the southern part of Denmark.

answer: the FRISIAN islands (also accept "East Frisian")

20. It would have protected slavery and guaranteed basic rights to all citizens except blacks, but it was rejected in a January, 1858, territorial election. President Buchanan wanted Kansas to win statehood under this document nevertheless, but when it was resubmitted to the voters in 1859, it was rejected a second time. FTP, name this proposed pro-slavery Kansas constitution, named for the city in which it was framed.

answer: LECOMPTON Constitution

21. It was first observed in 1808 by Russian physicist F. Reuss, who observed that water travelled from the anode to the cathode when an electric current was passed through an earthenware diaphragm. FTP, identify this phenomenon whereby liquids move through solids under the influence of an electric field, the sister phenomenon to electrophoresis.

answer: ELECTROOSMOSIS

22. It tells of the journeys of Raphael Hythloday, a Portuguese traveller, to an uncharted island country. There the people work at uniform daily schedules, are kept from idleness by the slyphogrants, worship a god named Mithras, and live in 54 cities designed to look alike. The country, whose name was compounded from the Greek for "not" and "place", is governed by a kind of Christian communism. FTP, name this 1516 work by Sir Thomas More, whose title has come to be a term for any ideal community.

answer: UTOPIA

23. The words for yes and no in this language are igan (EE-gan) and nem. However, despite the Eastern European location of the country in which it is spoken, this language's closest relative is actually Finnish. For 10 points, name this native tongue of Zsa Zsa and Eva Gabor.

answer: HUNGARIAN

24. Franz Grillparzer wrote his epitaph, translated "Music has here entombed a rich treasure, but still fairer hopes. His 4th symphony is nicknamed the "Tragic", and his 9th symphony, the "Great." FTP, name this composer born 200 years ago this year, but who died of typhus at the age of 31, leaving his 8th symphony "Unfinished."

answer: Franz (Peter) SCHÜBERT

TIEBREAKER: In chloride form, it was being used as a table salt substitute in Australia when a doctor noticed that it made his guinea pigs sluggish and lethargic. He tried it on several mental patients who demonstrated agitated, frantic behavior, and they slowed down too. FTP, identify this element, the favored treatment for manic depression.

Answer: LITHIUM
