

Spies!



Super Bonus 1

Part I—FOR YOUR EYES ONLY: TRIVIA BETRAYED

The contest has been compromised. ANUSTART discovered this morning that agents from Amherst have stolen the 96th Semi-Annual Williams Trivia contest. It's possible that, as you read this, they are using the data to steal away the contest. That, however, is the least of our concerns at the moment. (I mean, if they really want to run it in January, they can go right ahead.) We believe there is something far more nefarious afoot.

The administration has reason to believe there is a traitor at the college—perhaps someone so highly placed as to be beyond suspicion. The college has, over the past several weeks, intercepted a sequence of coded messages, each of which has presaged brief security breaches at sensitive locations. They believe the damage from these breaches has been contained, and while they believe they have broken the codes sufficiently that the Amherst agents will not use them again, they have not been able to identify either the traitor or Amherst's larger designs.

Prior to tonight's contest, the college intercepted a coded message sent somewhere on campus. Upon conferring with team ANUSTART, the administration has concluded that Amherst has built its new code out of the contest itself. The traitor, in other words, is listening in to the contest somewhere tonight, using the questions we have written to decode his or her instructions. We believe that they are instructing the traitor to use his or her position to steal some specific information from the college, then—so as to avoid any possible digital tracing in case the traitor is being monitored—pass it on to a handler at some point over the next week, somewhere on campus. The message itself is below:

ID CHECK: x-HPQA= Lahm
S1: 105/O: 20—BTAGPAMTVZXFFPVMEOCW
H6: 1,27,30 / H2: [321-350] / H1P5 // 520, 1900
BKS // HQ=R,S=Applejack

Specifically, we believe this message contains: 1) the coded identity of the traitor; 2) the information to be stolen; 3) the event at which the traitor will pass the information to the handler; and 4) the specific point at which the information will be exchanged. Additionally, if you can deduce it, we would like to know 5) the traitor's motive.

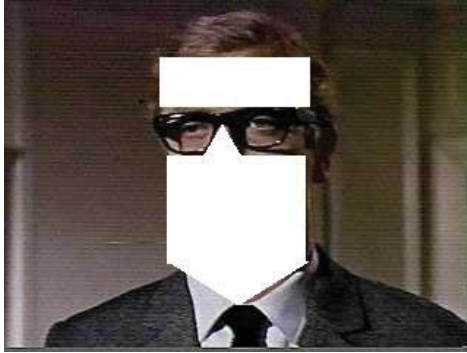
Teams, your college needs you. Your mission, should you choose to accept it, is to decode as much of the four parts of the message (and deduce the motive) as you can by 6 AM, which will allow the college to catch the traitor red-handed. In other words, while the Spies Super Bonus is due at 2 AM, you will have until the end of the contest to break the code. Submit your decoded message separately via the Spy puzzle when you believe you have broken it. YOU MAY USE THE INTERNET WITHOUT PENALTY.

Part II—Fictional Spies

Spy Outfits

Name the spy from the distinctive outfit.

1.



2.



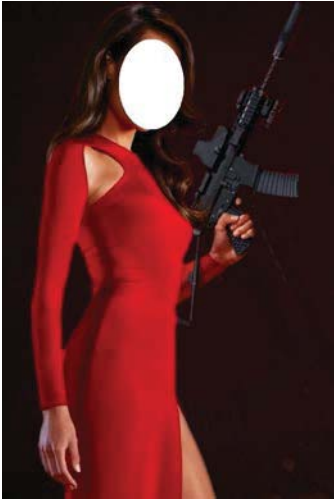
3.



4.



5.



6.



Cover Identities

In which spy stories does the protagonist possess these cover identities?

7. American John Michael Kane; Brazilian Gilberto de Piento; Canadian Paul Kay

8. Playboy Peter Joshua; Alex Dyle, brother of disgraced OSS officer Carson; and thief Adam Canfield

9. Smuggler Peter Franks; bridegroom Mr. Jones; lab inspector Klaus Hergescheimer; casino boss Burt Saxby

10. A milkman; a farmer; an Australian colonial; a road worker

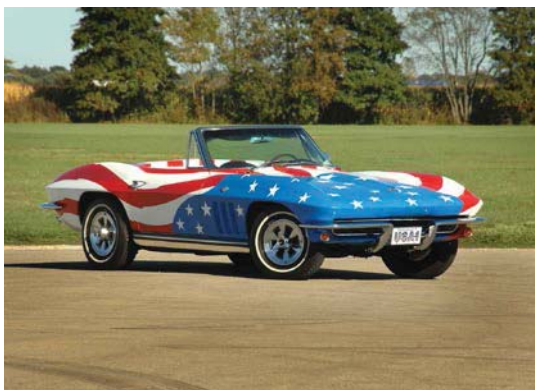
11. Mr. Thomas in Berlin; Mr. Amies in London; Alexander Thwaite leaving Amsterdam; Robert Lang in correspondence to Copenhagen; Stephen Bennett in correspondence to Helsinki

Spymobiles - Name the make and movie (or TV show) of the spymobiles below.

12.



13.



14.



15.



16.



17.



18.



19.



20.



21.



Spy Gadgets

Of course, the gold standard of gadget-making is MI6's Q Division. Name the film in which they produce the following gadgets:.

22. An attache case that creates a powder explosion when opened in the wrong way

23. A portable attack helicopter

24. An exploding pen

25. The ghetto blaster

26. A watch with both an electric saw and electromagnet attachment

But other spies have nifty gadgets too! Name the spy that makes use of the following items:

27. A shoe that doubles as a phone

28. A gun that fires ten seconds after the trigger's been pulled

29. Pieces of differently-colored gum that, when pressed together, form an explosive

30. A watch that can restart one's pulse and a cigarette lighter that has over eighty functions

31. An umbrella with a pull-out sword

32. A cardboard box

33. The Machine

Passwords and Codes

34. What are the Thirty-Nine Steps?
35. The black-box encryption project code name “Setec Astronomy” turns out to mean what?
36. What is Raymond Shaw’s trigger code phrase?
37. In what movie does James Bond use the password “Ellipsis”?



38. In what movie does Bond use the password ?
39. In what movie does an undercover spy have to deliver this coded message?



40. Answer in one code word—who’s the mole?

The Wrong Person

Sometimes ordinary people get roped into elaborate espionage schemes. Name the movies in which that happens to--

41. A dentist whose daughter is about to get married?
42. A violinist pegged as a superspy as part of an scheme by one intelligence honcho to entrap his ambitious lieutenant?
43. A mechanic who accidentally ends up on a plane loaded with FBI agents trying to hunt down one of their own superagents?
44. An Long Island ad executive mistaken for a superspy by a group of foreign spies?
45. A housewife who tries to help one supposed secret agent, only to find out the real secret agent is her husband?
46. Two bumbling idiots sent into the USSR as a decoy in an elaborate scheme to launch Russian ICBMs for the purpose of testing American missile defense?

Over-elaborate Acronyms

What do the letters in these acronymic agencies stand for?

47. I.M.F.

48. M.A.D.

49. S.H.I.E.L.D.

50. S.P.E.C.T.R.E.

51. U.N.C.L.E.

52. U.N.I.T.

53. V.I.L.E.

54. B.R.O.T.H.E.R.H.O.O.D. doesn't stand for anything. Tell us, then, where it comes from, and provide a plausible explanation of the acronym

Theme Music

#55-#74: Listen to the attached audio and name the spy films and TV shows whose themes you hear.

Spy Stunts

Name the spy movie featuring the following death-defying stunts:

75. A suction-glove free climb on the Burj Khalifa tower

76. A 700-foot bungee jump

77. A 6,000 foot ski-jump/free-fall off a mountain peak, culminating in a national-flag parachute release

78. A seven-minute car chase through the narrow streets of Paris, in which the cars in question make a high-speed U-turn in a roundabout, flip a police car in a tunnel, flip a truck, and chase each other for an extended period going the wrong way on a highway, where they cause a significant pile-up.

Spies in Games

Given the picture of a spy from a board, card, or video game, name the game and the spy's function in that game.

79.



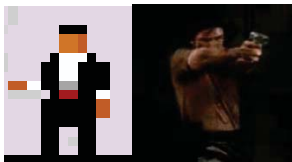
80.



81.



82.



83.



84.



85.



86.



87.



Spy Games

Name the film in which Bond plays the following games:

88. Texas Hold 'Em

89. Domination

90. Backgammon

91. In the original novel version of the first answer in this section, what more sophisticated card game does Bond play, instead of Texas Hold 'Em?

92. In the original novel version of *Moonraker*, Bond and M conspire to con Hugo Drax at what game--which was likely considered a bit staid for the big screen adaptation?

Miscellaneous

93. What actor and actress, respectively, have appeared in the most Bond movies?

94. Especially in the early films, what is the generic-sounding corporation that typically serves as part of Bond's cover identity?

95. What is the motto on the Bond family crest?

96. Fill in the blanks at the beginning and end of this sequence: _____, Cec, Rik, Norman, David, Bernie, John, David again, Jeffrey, _____.

97. What is the name of Dr. Evil's cat?

98. Derek Flint has a mini-harem of four international female companions, each of whom is associated with a specific country. Name any two of those countries.

99. In Simon & Garfunkel's "America," what are the two wardrobe items characterizing the bus rider who might be a spy?

100. What is Edwin Starr's secret agent designation?

Part III—Real Spies

Codes and Ciphers

101. In textbook information transmission examples, the two individuals trying to exchange and/or encrypt a message are named Alice and Bob. What is the name of the prototypical cyberspy attempting to intercept their communications?

102. Which Native American tribe's members served with the Marine Corps in WWII to transmit messages securely in their own native tongue?

103. What was the name of the first digital programmable computer, which was used to crack the Lorenz cipher in WWII?

104. What does PGP, the name of a popular computer program used to authenticate e-mails and other text, stand for?

105. What is the name of the more complex cipher in which each letter of a message is shifted by the text of a keyword or key phrase?

106. What is the name of the basic cipher in which each letter of a message is shifted by a fixed amount?

107. What do you call symbols in ciphers that don't mean anything and are used to confuse potential eavesdroppers?

108. Which 6 letters were used in the German cipher cracked by Georges Painvin during WWI?

109. One way for spies to receive a ciphertext is over the radio via creepy-sounding shortwave broadcasts from these. One of them, believed to be operated by MI6, transmitted quintuples of digits read in a synthesized female voice, and used the following melody as an interval signal:



Historical Spies

110. What Elizabethan noble formed the first modern intelligence network?
111. What private organization was hired by the Union Army during the American Civil War to spy on the Confederacy?
112. What London location--recently the subject of a new BBC series--was the home of the British code-breakers during WWII?
113. What was the abbreviation for the Soviet Union's WWII-era predecessor agency to the KGB, and what is the English version of the phrase from which that name was derived?
114. Who were the first Americans to be executed as spies?
115. What is the describing the process whereby a spy places intelligence in a predetermined location for a handler to retrieve later?
116. What is the name for an agent (or group of agents) that goes for some time without contact with its central intelligence organization, until becoming activated?

Double Agents

Name the country the following double agents were originally citizens of, then (if different) the one they *purportedly* spied for, then the country they *actually* were working for:

117. Benedict Arnold
118. Mata Hari (according to the tribunal)
119. Kim Philby
120. Alfred Redl
121. John Jay Pollard
122. Oleg Penkhovskiy
123. Juan Puyol
124. Robert Hanssen
125. Christopher Boyce (assisted by Daulton Lee)

126. What two-letter, punning name was possessed by the British WWII agency dedicated toward turning German agents?

127. What was Puyol's code name?

128. What were Boyce and Lee's code names?

World War II Celebrity Spies

World War II drew many civilians into military espionage. Name the ones described below.

129. What famous British computer scientist headed the WWII cryptography team that cracked the Nazi Enigma machine?

130. What future American TV personality--rejected from the military because she was too tall--worked on developing shark repellent and met her husband Paul working out of the OSS's Ceylon office?

131. What Hollywood actor, under an assumed name, ran guns for the American army through German lines (though not, so far as we know, any precious bodily fluids)?

132. What Irish-born writer living in Paris during the war ran communications for the French Resistance while writing his novel *Watt*?

133. What major-league backup catcher used his multilingual abilities to carry out spy missions for the OSS throughout the 30s and 40s, including providing reconnaissance on Japanese geography and plotting to assassinate Werner Heisenberg?

134. What future Supreme Court Justice served as an intelligence officer and cryptographer, including as part of the team whose codebreaking enabled US air forces to shoot down Admiral Isoroku Yamamoto's transport plane?

The NSA and Digital Surveillance

135. The NSA's most high-profile act of cyberwarfare was directed against a centrifuge. Against what country was the attack targeted, and what virus (which leaked to the general public) was used?

136. In 2013, what NSA contractor began releasing classified files on the agency's methods to the global press?

Given a description of the secret NSA or GCHQ program leaked by that individual, name the program.

137. A sweep of metadata produced by domestic Verizon customers, as well as Google, Apple, and other Internet corporations?

138. A sweep of all Internet traffic coming over certain European fiber-optic cables?

139. A sweep of British Yahoo! webcam pictures (revealing, mostly, a large amount of “undesirable nudity”)?