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Senior PACK #4

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TEAM #

TEAM NAME:

vs . TEAM #

TEAM NAME:

SENIOR SCHOOLREACH – 2011-2012
PACK # 4

HOST: Welcome to SCHOOLREACH. I'm _____ your quizmaster for this game between [school #1] _____ and [school #2] _____. In this match, we have [player #1] _____, [player #2] _____, [player #3] _____, [player #4] _____ of [school #1] _____ pitted against [player #1] _____, [player #2] _____, [player #3] _____, [player #4] _____ of [school #2] _____.

We'll play three rounds of questions, with a minute break between each round. Now, if the scorekeeper is ready, let's begin ROUND ONE OF SCHOOLREACH!

40-POINT SNAPSTART TO ROUND ONE

1. What is the name of the famous hill in Athens, Greece, upon which the Parthenon is located?
A. ACROPOLIS
2. What nation's monarch sat on the Peacock Throne until the late 20th century?
A. IRAN
3. What German Baroque composer learned a lot from his oldest brother, Johann Christoff, who was a church organist?
A. J.S. BACH
4. What month is named after the Roman God of War?
A. MARCH (after Mars)

30-POINT OPEN QUESTION – PHYSICS

5. Which British physicist invented a cloud chamber, revolutionizing the study of cloud-particle physics by allowing sub-atomic particle activity to be easily viewed?
A. CHARLES WILSON
6. It is used to induce large-scale nuclear reactions: which American physicist invented the cyclotron?
A. ERNEST LAWRENCE
7. Which French physicist was instrumental in measuring the velocity of light using mirrors?
A. JEAN FOUCAULT

40-POINT TEAM QUESTION – SCIENCE

In this two-part TEAM QUESTION, whichever team is first to answer correctly the ten-point SCRAMBLE QUESTION in PART ONE, is then eligible for the remaining ten-point questions in PART TWO.

PART ONE: Scramble for ten points.

8. What is the common name given to microscopic single-celled prokaryotic organisms that are not Archaea?
A. BACTERIA

SCORE TEN POINTS FOR EACH CORRECT ANSWER

PART TWO: The remaining questions deal with bacteria.

9. As prokaryotic organisms, Bacteria differ from eukaryotic organisms in their lack of what cellular structure?
A. NUCLEUS
10. What bacteria require an organic source of carbon as their fundamental nutritional requirement?
A. HETEROTROPHS
11. What is the reproductive method by which most bacteria reproduce?
A. BINARY FISSION

20-POINT SPECIAL – FAMOUS ECCENTRICS

12. The English philosopher Jeremy Bentham asked that what be done with his skeletal remains after his death, in donation to University College, London?
A. THAT HIS SKELETAL REMAINS BE PUT ON DISPLAY (AT THE UNIVERSITY)

40-POINT OPEN QUESTION – AUTHORS

13. Involved with liberal intellectuals in his youth, which author had been condemned to a fake death sentence in 1849, and reprieved at the last moment?
A. FYODOR DOSTOYEVSKY
14. Which English author had been abandoned as still-born in 1840?
A. THOMAS HARDY
15. What English humorist made so-called propaganda broadcasts from Germany during World War II?
A. P.G. WODEHOUSE
16. What eccentric Russian philosopher and writer learned to ride a bike at 67?
A. (COUNT) LEO TOLSTOY

80-POINT ASSIGNED QUESTION – WORDS IN COUNTRIES

Here is an ASSIGNED QUESTION in which each member of the each team is assigned a ten-point question. If you miss your question, then your counterpart on the opposing team will have a chance at it for ten points.

Given a word, identify a country with a name which contains that word. For example, France contains the word “ran”.

TEAM A:

17. Ham
A. BAHAMAS
18. Gap
A. SINGAPORE
19. Gas
A. MADAGASCAR
20. Done
A. INDONESIA

TEAM B:

- 21. Hut
 - A. BHUTAN
- 22. Pine
 - A. PHILIPPINES
- 23. Tug
 - A. PORTUGAL
- 24. Air
 - A. ZAIRE

40-POINT SNAPOUT TO END THE ROUND

- 25. What is the name of Canada's leading science and technology agency?
 - A. NATIONAL RESEARCH COUNCIL OF CANADA (NRC)
- 26. *Martedì* in Italian, *Dienstag* in German and *mardi* in French, what's the day in English?
 - A. TUESDAY
- 27. The human brain is divided into three sections, the cerebrum, the cerebellum and what?
 - A. THE BRAIN STEM
- 28. What city is home to Signal Hill, its most visible landmark since 1704?
 - A. ST. JOHN'S (NL) (do not accept: Saint John – the city in New Brunswick)

ONE-MINUTE BREAK TO ROUND TWO

40-POINT SNAPSTART TO ROUND TWO

- 29. What ballet producer staged Igor Stravinsky's first ballets, "The Firebird", "Petrouchka", and "The Rite of Spring"?
 - A. SERGEI DIAGHILEV
- 30. Who commanded the French army at the Battle of Austerlitz?
 - A. NAPOLEON (BONAPARTE)
- 31. Two books of the Old Testament have women's names as titles. One is Ruth. Name the other.
 - A. ESTHER
- 32. In what province is the Kahnawake First Nations territory located?
 - A. QUEBEC

40-POINT OPEN QUESTION – JOAN AND COLIN EXPLORE CANADA

- 33. Within 500 kilometres, if Joan travels the transcontinental drive across Canada, starting in Vancouver and ending in Halifax, what distance will she have travelled?
 - A. 6050 (accept any number between 5550 and 6550).
- 34. When she arrives in Halifax, Joan picks up Colin. The two of them travel to the cape in Newfoundland that is Canada's most easterly point. Which cape is this?
 - A. CAPE SPEAR

35. Due to the fact they're in the area, Joan and Colin decide to visit the French islands of St. Pierre and Miquelon. Owing to their proximity to Newfoundland, France is one of the four closest countries to Canada. Besides the USA, name either of the remaining two.

A. RUSSIA or DENMARK (acc: GREENLAND)

36. Joan and Colin then head west to find the canal system that connects Lake Erie and Ontario. What is that canal called?

A. WELLAND CANAL

40-POINT WHAT AM I?

37. This question is worth 40 points if you guess the answer on the first clue and 10 points less with each succeeding clue, until either team answers the question correctly.

CLUE A: My site was first explored in 1673 by two Frenchmen, Joliet and Marquette, who discovered that various Indian names for me meant "powerful", "skunk", and "wild onion". WHAT CITY AM I?

CLUE B: My location, at the mouth of an important river, made me a trade and trapping centre. In 1795, I occupied six square miles around the river mouth and, eight years later, for my protection, the U.S. government built Fort Dearborn, which was destroyed in the War of 1812. WHAT CITY AM I?

CLUE C: In 1825, the construction of the Erie Canal made me a hub of expansion in the mid-west, and I consequently gained a large population of immigrants and freed slaves. New industries included railways, lumber and livestock. WHAT CITY AM I?

CLUE D: In the last century, I was well known for underworld activity during the 1920s and '30s, and for the race riots that accompanied the 1968 Democratic Convention. Some call me "The Windy City". WHAT CITY AM I?

A. I AM CHICAGO

30-POINT OPEN QUESTION – RIVERS

38. Unlike the Mekong River, what other major Vietnamese river is largely confined to that country?

A. RED (SONG HONG)

39. Rising west of Moscow and flowing generally south through Belarus and Ukraine to a broad estuary on the Black Sea, what is the third longest European river?

A. DNIEPER

40. What river flows through Rome?

A. TIBER

30-POINT OPEN QUESTION – HATS OFF TO YOU

41. What comedienne from the Grand Old Opry always wore a straw hat with the price tag still on it?

A. MINNIE PEARL

42. What composer wrote the songs “Cheek to Cheek”, “Isn’t This a Lovely Day” and “Top Hat, White Tie and Tails” for the Fred Astaire film “Top Hat”?

A. IRVING BERLIN

43. In which Canadian province is the city of Medicine Hat?

A. ALBERTA

40-POINT OPEN QUESTION – WORDS

Each answer begins with the letters “SUB”.

44. Something that follows closely, in sequence.

A. SUBSEQUENT

45. A person in a lower class, order or rank than another.

A. SUBORDINATE

46. What is the term that means to put under water?

A. SUBMERGE

47. A writ commanding one’s attendance in a court of law.

A. SUBPOENA

20-POINT OPEN QUESTION – BASEBALL

48. What was the name of the baseball star who broke Babe Ruth’s home run record on April 8, 1974, by hitting his 715th home run?

A. HANK AARON

49. Costello teamed with whom when they performed their famous “Who’s On First” comedy baseball routine?

A. ABBOTT

40-POINT TEAM QUESTION

In this two-part TEAM QUESTION, whichever team is first to answer correctly the ten-point SCRAMBLE QUESTION in PART ONE, is then eligible for the remaining ten-point questions in PART TWO.

PART ONE: Scramble for ten points.

50. Emigrants to America from which country are known as “issei” back home?

A. JAPAN

SCORE TEN POINTS FOR EACH CORRECT ANSWER

PART TWO: The remaining questions all deal with Japan.

51. A 53.9-kilometre undersea rail tunnel connects Honshu with what other major Japanese island?

A. HOKKAIDO

52. Japan is dominated by two religious/spiritual philosophies. Name one.

A. BUDDHISM or SHINTOISM

53. What is the name of Japan's famous snow-capped volcano?
A. MOUNT FUJI (accept: FUJI-SAN or FUJI-YAMA)

60-POINT CHAIN SNAPPERS

54. Which U.S. state has its capital at Saint Paul?
A. MINNESOTA
55. A Minnesota native, what American comic and political activist announced in 2007 that he intended to run for the United States Senate?
A. AL FRANKEN
56. Al Franken received his undergraduate degree in political science from what famous American institution located near Boston, Massachusetts?
A. HARVARD UNIVERSITY
57. Harvard University's Carr Center for Human Rights was directed from 2000 to 2005 by what noted Canadian academic and politician?
A. MICHAEL IGNATIEFF
58. Michael Ignatieff is the nephew of what influential Canadian philosopher and author of the 1965 book "Lament for a Nation"?
A. GEORGE GRANT
59. George Grant attended Oxford University on what prestigious scholarship founded by a South African diamond magnate?
A. RHODES SCHOLARSHIP

ONE-MINUTE BREAK TO ROUND THREE

40-POINT SNAPSTART TO ROUND THREE

60. What is Canada's most densely populated province?
A. PRINCE EDWARD ISLAND
61. Who was Canada's prime minister during World War II?
A. W.L. MACKENZIE KING
62. Which Saskatchewan based Western Hockey League city is the home of the Broncos?
A. SWIFT CURRENT
63. What is the 7th planet from the Sun?
A. URANUS

30-POINT OPEN QUESTION – SCRAMBLED WORDS

I will give you a SERIES of letters, which form at least two words; you give me one of them.

64. a, e, p, r, s
A. RAPES, REAPS, SPARE, PARSE, PEARS, SPEAR, PARES (One of these)
65. d, e, i, r, r
A. RIDER, DRIER, DIRER (One of these)

66. e, i, m, r, s, t

A. MERITS, MISTER, REMITS, TIMERS, MITRES, MITERS (One of these)

40-POINT TEAM QUESTION

In this two-part TEAM QUESTION, whichever team is first to answer correctly the ten-point SCRAMBLE QUESTION in PART ONE, is then eligible for the remaining ten-point questions in PART TWO.

PART ONE: Scramble for ten points.

67. The presence of what element constitutes the discipline of organic chemistry?

A. CARBON

SCORE TEN POINTS FOR EACH CORRECT ANSWER

PART TWO: The remaining questions deal with carbon.

68. Name the process that converts carbon dioxide and water to oxygen and carbohydrates in plants.

A. PHOTOSYNTHESIS

69. What is the chemical term for closed ring hydrocarbon structures?

A. AROMATIC HYDROCARBONS

70. What carbon-based substance provides structural rigidity to plants?

A. CELLULOSE

30-POINT OPEN QUESTION – POST WORLD WAR II GERMANY

71. In what year did the Berlin Wall come down?

A. 1989 (NOVEMBER)

72. On May 9, 1955, the Federal Republic of Germany became the fifteenth member of what alliance?

A. NATO (NORTH ATLANTIC TREATY ORGANIZATION)

73. In 1973, both East and West Germany were admitted to what other international organization?

A. UNITED NATIONS

40-POINT WHO AM I? QUESTION

74. This question is worth 40 points if you guess the answer on the first clue and 10 points less with each succeeding clue, until either team answers the question correctly.

CLUE A: I am an American singer, songwriter, guitarist, pianist and composer, born in 1941. WHO AM I?

CLUE B: My real name is Robert Zimmerman. WHO AM I?

CLUE C: I helped originate folk rock and became a cult figure in the 1960s. WHO AM I?

CLUE D: My hit songs include “Blowin’ in the Wind”, “Like a Rolling Stone”, and “Lay Lady Lay”. WHO AM I?

A. I AM BOB DYLAN

120-POINT SNAPOUT TO FINISH THE GAME

75. What German word, meaning “lightning war”, describes a method of cutting off enemy supplies and communications with armour strikes and aerial attacks?
A. BLITZKRIEG
76. Name the Greek equivalent for the Roman God of the Sea.
A. POSEIDON
77. Chiropody is the care and treatment of what body parts?
A. THE FEET
78. What perfume first went on sale on the fifth day of the fifth month of 1921?
A. CHANEL NO. 5
79. What board game do the British call draughts (pronounce: drafts)?
A. CHECKERS
80. In music, what is the second degree in a major or minor scale?
A. SUPERTONIC
81. What sculptor carved Mount Rushmore?
A. GUTZON BORGLUM
82. What Canadian ambassador helped six Americans escape from Iran in 1980?
A. KEN TAYLOR
83. What river caused a devastating flood in Florence, Italy in 1966?
A. THE ARNO
84. Which trophy is awarded to the top amateur junior A-level hockey team in Canada?
A. MEMORIAL CUP
85. What is the capital of Sicily?
A. PALERMO
86. In which province is the wonderfully amusing town named St-Louis-du-Ha!-Ha! located?
A. QUEBEC

END OF GAME

TIE-BREAKERS IF NECESSARY

1. In what U.S. city was Three Rivers Stadium located?
A. PITTSBURGH
2. Who wrote the opera “Othello”?
A. GIUSEPPE VERDI
3. What is the capital of Chad?
A. N'DJAMENA
4. What kingdom includes England, Scotland, Wales and Northern Ireland?
A. UNITED KINGDOM (OF GREAT BRITAIN AND NORTHERN IRELAND)

