

Instructions: You receive two points for a correct answer. You lose a point for an incorrect answer. Blank responses lose no points.

Please fill in the bubbles completely on the answer sheets. You may write on the exam, but all responses must go on the answer sheet.

Maps and pictures are contained in the separate resource packet.

Diacritic marks such as accents have been omitted from place names and other proper nouns.

There is a sheet for tiebreakers at the back of this packet. Turn that in with your answer sheet, even if you choose not to respond to any of the questions.

1. Secretary of State John Kerry gets a message from an assistant saying he must immediately call the President of France to give his condolences for the people of Montserrat, 100 of whom were just killed by ash coming from the island's volcano. He realizes immediately it's just Barack Obama playing another one of his pranks. How does he know?
(a) Volcanoes in the Caribbean cannot produce ash (b) France does not have a president
(c) Montserrat does not belong to France (d) Montserrat does not have a volcano
2. The large rocks in Figure 1 were removed from the bedrock by glaciers. What is the specific term for these features?
(a) Tarns (b) Bergschrunds
(c) Erratics (d) Aretes
3. The much smaller sediment that results from glacial erosion is known by what term?
(a) Fulk (b) Basolith
(c) Till (d) Spelt
4. Some of the suspected perpetrators of the 2016 Brussels bombings and the 2015 Paris attacks hail from what neighborhood of Brussels?
(a) Molenbeek (b) Maelbeek
(c) Mackleberk (d) Malbec
5. The stone in Figure 2 is on the summit of Bukit Timah, the tallest hill in which country?
(a) Singapore (b) Indonesia
(c) Cambodia (d) Vietnam
6. The name Bukit Timah is derived from which Austronesian language?
(a) Amis (b) Basay
(c) Malay (d) Bahasa Indonesia
7. With a name potentially coming from the Quechua for "Yes, stay," what city in southern Peru is the country's second-largest?
(a) Santa Maria (b) Iquitos
(c) Arequipa (d) Callao
8. Refer to the map in Figure 3 for questions 10-13. Which of the numbered points is Santa Fe?
(a) 2 (b) 3
(c) 4 (d) 6

9. Which of the following points is located closest to the Navajo Nation?
(a) 1 (b) 5
(c) 6 (d) 7
10. The Navajo Nation has its seat of government not in New Mexico but in what neighboring state?
(a) Texas (b) Colorado
(c) Oklahoma (d) Arizona
11. What is the north-south Interstate highway that connects Albuquerque and Santa Fe?
(a) I-25 (b) I-30
(c) I-79 (d) I-495
12. Shown in Figure 4 is a picture along the riverfront of what city, the capital of Kazakhstan?
(a) Ankara (b) Almaty
(c) Astana (d) Apollonia
13. Which of the following Central Asian rivers does not flow through Kazakhstan?
(a) Ural (b) Syr Darya
(c) Irtysh (d) Amu Darya
14. Which river is shown in Figure 4?
(a) Ishim (b) Tobol
(c) Nazarbaev (d) Kashagan
15. Which of the following is not a seaport city?
(a) Gwadar, Pakistan (b) Pietermaritzburg, South Africa
(c) Callao, Peru (d) Fremantle, Australia
16. The Czech Republic is looking to change its name. Why has the name "Bohemia" garnered opposition?
(a) It was the name the Nazis gave the territory that is now the Czech Republic (b) "Bohemia" is unpronounceable in Slovak
(c) The national anthem would have to be "Bohemian Rhapsody" (d) It is currently the name of just one region of the Czech Republic
17. Creep, lahars, and sturzstroms are all types of what?
(a) Glacial movement (b) Pyroclastic flows
(c) Mass wasting (d) Weather fronts
18. If you're selected to join Team USA in China this summer, you'll fly into Beijing Capital International Airport, the second-busiest in the world when measured by passenger traffic. Which city has the busiest airport?
(a) London (b) Dubai
(c) Atlanta (d) Los Angeles
19. Syrian refugees attempting to cross the sea from Turkey into Greece are least likely to arrive first on which island?
(a) Chios (b) Samos
(c) Lesbos (d) Corfu

- 20.** The Canso Causeway connects mainland Nova Scotia to what other place?
(a) New Brunswick (b) Prince Edward Island
(c) Sable Island (d) Cape Breton Island
- 21.** Panama City, Panama is on what body of water?
(a) Caribbean Sea (b) Atlantic Ocean
(c) Rio Tinto (d) Lake Gatun
- 22.** Desert National Park, shown in Figure 5, is in what Indian State?
(a) West Bengal (b) Sikkim
(c) Kerala (d) Rajasthan
- 23.** What desert is Desert National Park located in?
(a) Ghat (b) Deccan
(c) Sundarbans (d) Thar
- 24.** The Indus River is located primarily in what country?
(a) India (b) Bangladesh
(c) Afghanistan (d) Pakistan
- 25.** Mount Damavan can be seen from what capital city?
(a) Ankara (b) Baghdad
(c) Ottawa (d) Tehran
- 26.** If Italy were actually a boot, where on the boot would Brindisi be?
(a) Middle of the ankle (b) That little plastic bit at the end of one of the shoelaces
(c) Tip of the toe (d) Back of the heel
- 27.** What is the most populated island in the world?
(a) Taiwan (b) Borneo
(c) Java (d) Honshu
- 28.** To which of the following historic sites does ISIS (ISIL, Daesh, the Islamic State) currently pose the biggest threat due to its current territorial extent? It damaged buildings here in 2015.
(a) Persepolis (b) Petra
(c) Parthenon (d) Palmyra
- 29.** Shown in Figure 6 is The Scream, a painting by Norwegian artist Edvard Munch. Its orange sky is generally attributed to the massive 1883 eruption of what volcano?
(a) Vijayskarn (b) Krakatoa
(c) Eyjafjallajokull (d) Vesuvius
- 30.** The painting is believed to depict a road overlooking Oslofjord, and inlet of what body of water?
(a) English Channel (b) Oresund
(c) Skagerrak (d) Gulf of Boothia

- 31.** Shown in Figure 7 is an 1897 map of Mammoth Cave, the world’s longest known cave system. Mammoth Cave is located under which state?
(a) Alaska (b) West Virginia
(c) Alabama (d) Kentucky
- 32.** Mammoth Cave is a karst formation. What type of rock is it in?
(a) Limestone (b) Corundum
(c) Quartz (d) Marble
- 33.** Ayesha wants to make a map of a shopping mall that will go on an 8.5 x 11 sheet of paper. What scale would be most appropriate?
(a) 1:1 (b) 1:15,000
(c) 1:250,000 (d) 1:750,000
- 34.** If as an AFS exchange student, Figure 8 was the view from your bedroom window, you could be living in which Swiss canton?
(a) Jura (b) Valais (Wallis)
(c) Grisons (Graubunden) (d) Basel-Landschaft
- 35.** The process by which the Swiss Alps and many other non-volcanic mountain ranges are formed is known as what?
(a) Supraduction (b) Melding
(c) Cascading (d) Orogeny
- 36.** Determining the location of a key col is necessary in calculating what figure?
(a) Elevation (b) Depth
(c) Prominence (d) River width
- 37.** The Intertropical Convergence Zone is an area near the Equator better known to sailors by what name?
(a) Horse latitudes (b) Doldrums
(c) Chinook winds (d) Jet stream
- 38.** Take a look at Figure 9. Which of the following countries might be able to trace back their road habits to their time as a British colony and still mimic the British today in the side they choose to drive on?
(a) Zimbabwe (b) Somalia
(c) Angola (d) Nigeria
- 39.** Rwanda and Burundi are considering switching to driving on the left side to match most of the other members of what group?
(a) EAC (b) UN
(c) British Commonwealth (d) CIS
- 40.** A clay tablet that is the earliest-known map, dating to the era of Sargon, was discovered near Kirkuk in what country?
(a) Iraq (b) Afghanistan
(c) Iran (d) Kuwait
- 41.** Namibia, Zambia, Botswana, and which fourth country come within a few hundred meters from meeting at a quadripoint at Kazungula?
(a) Mozambique (b) Zimbabwe
(c) Angola (d) South Africa

42. The World Bank uses the Gini coefficient to measure income inequality. According to the World Bank, which of the following countries has the highest Gini coefficient, meaning they are the most unequal?
- (a) South Africa (b) Ukraine
(c) Iran (d) The United States
43. Jaffa was combined with what other city in 1950?
- (a) Tunis (b) Tel Aviv
(c) Beirut (d) Tripoli
44. Shown in Figure 10 is the longest-reigning monarch. He is the king of which country?
- (a) Cambodia (b) Laos
(c) Thailand (d) Burma
45. Insulting this man can lead to a severe prison sentence, under laws known by which term?
- (a) Propter Regis (b) Lese majeste
(c) Droit du seigneur (d) Rex fiat
46. For questions 48-50, say whether a country is in the EU, NATO, both, or neither. Kosovo.
- (a) EU (b) NATO
(c) Both (d) Neither
47. Croatia.
- (a) EU (b) NATO
(c) Both (d) Neither
48. Albania.
- (a) EU (b) NATO
(c) Both (d) Neither
49. Torres del Paine is a popular hiking destination in what South American mountainous region?
- (a) Northern Andes (b) Brazilian Highlands
(c) Roraima (d) Patagonia
50. Which of the following National Parks is not in Alaska?
- (a) Denali (b) Kobuk Valley
(c) Kootenay (d) Wrangell-St. Elias
51. Queen Elizabeth II turned 90 yesterday! Which of the following countries or territories is she currently the head of state of?
- (a) Aruba (b) St. Martin
(c) Antigua and Barbuda (d) Haiti
52. The helicopter in Figure 11 is in Alaska. The landmass in the background is part of Russia. What island is the helicopter on?
- (a) Little Diomedes (b) Big Diomedes
(c) St. Paul (d) Palinskaya
53. Shown in Figure 12 is part of a plateau in northern China made from what dusty soil?
- (a) Loess (b) Loam
(c) Peat (d) Gneiss

54. That plateau is primarily in the watershed of which river?
(a) Yellow (b) Yangtze
(c) Yalu (d) Pearl
55. Figure 13 is a recent map showing the risk of transmission of what mosquito-borne virus?
(a) Jantavirus (b) Zika
(c) Dengue fever (d) Chikungunya
56. William Gorgas made a major medical breakthroughs in the prevention of a different mosquito-borne virus, yellow fever, during what American-led project?
(a) Construction of the Panama Canal (b) Sculpting of Mount Rushmore
(c) Construction of the Suez Canal (d) Paving of the Alaska Highway
57. In which of the following medical fields is geography the most relevant?
(a) Epidemiology (b) Anesthesiology
(c) Otorhinolaryngology (d) Nephrology
58. Questions 60-63 refer to Figure 14. Areas are approximately circled. Which of the regions on the map are characterized by playas and horsts?
(a) 1 (b) 2
(c) 3 (d) 6
59. Floodplains known as yazoos are named for areas in which of the regions?
(a) 1 (b) 4
(c) 5 (d) 6
60. Which of the following physiographic areas is characterized by deep river valleys and located primarily within USDA Hardiness Zone 4?
(a) 1 (b) 2
(c) 4 (d) 5
61. What is the name of the area marked as Number 6?
(a) Marcellus Shale (b) Ozark Plateau
(c) Bakken Formation (d) Cumberland Plateau
62. Prince, perhaps the most talented musical artist of all-time, died yesterday at age 57 at Paisley Park Studios in Minnesota. Paisley Park takes its name from a clothing pattern, which in turn is named after a suburb of what city?
(a) Boston (b) Manchester
(c) London (d) Glasgow
63. In 2000, Mozambique was hit with a catastrophic flood that came as the country was recovering from a long civil war. What river is seen in Figure 15, behind an American helicopter?
(a) Limpopo (b) Orange
(c) Congo (d) Ubangi
64. The flooding was caused by what phenomena?
(a) Typhoon (b) Monsoon
(c) Hurricane (d) Cyclone

65. Which of the following tech companies has caused controversy for allegedly bringing up housing prices in places like San Francisco, New York, and the resort town of Marfa, Texas?
- (a) Airbnb (b) Reddit
(c) Pitchfork (d) Uber
66. The most recent maximum extent of continental glaciers in North America, retreating approximately 11,000 years ago, is named for what state?
- (a) Texas (b) Colorado
(c) Georgia (d) Wisconsin
67. Shown in Figure 16 in red, white, and blue—the colors on their nation’s flag—are dancers from the Dominican Republic. They are performing what style of dance, which was invented in the country?
- (a) Mambo (b) Tango
(c) Merengue (d) Mantello
68. The dance’s name comes from what language, the language spoken by the native Dominicans?
- (a) Taino (b) Chiriqui
(c) Aymara (d) Patwa
69. Tombolos are most related to what type of physical feature?
- (a) Caldera (b) Sinkhole
(c) Moraine (d) Sandbar
70. The Foveaux Strait separates Stewart Island from which other landmass?
- (a) Antarctica (b) Newfoundland
(c) Ireland (d) South Island of New Zealand
71. Shown in Figure 17 are differences in rainfall over time caused by the cycles of what eastward-moving, intraseasonal phenomena?
- (a) El Nino (b) Madden-Julian Oscillation
(c) Hadley Cell (d) Occluded Front
72. Which of the following cities is the largest city in the USA not on an Interstate highway?
- (a) Honolulu, HI (b) Anchorage, AK
(c) Fresno, CA (d) Austin, TX
73. Which of the following cities is closest to Tokyo?
- (a) Kyoto (b) Kobe
(c) Nagoya (d) Sapporo
74. Polders are tracts of reclaimed land that originated in what country?
- (a) France (b) The Netherlands
(c) United Kingdom (d) Sweden
75. Shown in Figure 18 is the Hagia Sophia. The people who built it practiced what religion?
- (a) Islam (b) Rastafarianism
(c) Roman Catholicism (d) Greek Orthodox Christianity

76. The city the Hagia Sophia is in is most likely to be the target of what terrorist group?
(a) ETA (b) Shining Path
(c) FARC (d) PKK
77. Shown in Figure 19 is the Amundsen-Scott Station. The station is operated by what country?
(a) People’s Republic of Antarctica (b) United States
(c) New Zealand (d) Norway
78. The base is located at which location?
(a) Geographic South Pole (b) Geographic North Pole
(c) Base camp of Mt. Everest (d) Magnetic South Pole
79. Jatoba and ipe are both what?
(a) Soil types common in Portugal (b) Brazilian hardwoods
(c) Winds of the western Sahara (d) Big cats in the Congolese rainforest
80. The small town of Wheeler, Virginia is closer (as the crow flies) to nine state capitol buildings than it is to its own in Richmond. Which of the following state capitals is NOT closer than Richmond?
(a) Harrisburg, PA (b) Indianapolis, IN
(c) Atlanta, GA (d) Columbus, OH
81. According to the demographic transition model, which stage comes first?
(a) Low birth rate, high death rate (b) High birth rate, high death rate
(c) High birth rate, low death rate (d) Low birth rate, low death rate
82. The Golden Triangle, located in the interior of Southeast Asia, is best known for its production of what commodity?
(a) Linoleum (b) Opium
(c) Marijuana (d) Castor Beans
83. Shown in Figure 20 is what lake, the largest in Ethiopia?
(a) Lake Tamara (b) Lake Tana
(c) Lake Tangelo (d) Lake Tarawa
84. The lake shown is in what region, for which Ethiopia’s official language is named?
(a) Tigray (b) Araba
(c) Amhara (d) Axum
85. The soldiers in Figure 21 are performing the haka and hail from what country?
(a) Kenya (b) Spain
(c) New Zealand (d) Brazil
86. Order from west to east.
(a) Togo, Ghana, Benin (b) Ghana, Togo, Benin
(c) Benin, Ghana, Togo (d) Ghana, Benin, Togo
87. Australia’s capital, Canberra, was sited at its current location as a compromise between _____ and _____ .
(a) Melbourne and Adelaide (b) Sydney and Melbourne
(c) Melbourne and Brisbane (d) Sydney and Brisbane

88. Shown in Figure 22 is what port city, the largest in population north of the Arctic Circle.
(a) Archangelsk (b) Murmansk (c) Banff (d) Norilsk
89. This city is the capital of its namesake state, which in Russia go by what term?
(a) Okrug (b) Tverskaya (c) Oblast (d) Khanate
90. That state covers most of the land area of what peninsula in northwest Russia?
(a) Kola (b) Onega (c) Balajsky (d) Nevsky
91. Geographers rely on Census data to understand the demographic landscape in the United States. How often are censuses taken in the United States?
(a) Every two years (b) Every five years (c) Every ten years (d) Every twenty years
92. Suzhou is located just west of what larger city?
(a) Chengdu (b) Beijing (c) Shanghai (d) Shenzhen
93. The South _____ Islands do not exist.
(a) Orkney (b) Shetland (c) Glasgow (d) Sandwich
94. The building in Figure 23 is located in which of the following cities?
(a) Dharamsala (b) Agra (c) Bhopal (d) Calicut
95. The people who live in the same region as this building tend to follow what religion?
(a) Islam (b) Sikhism (c) Buddhism (d) Hinduism
96. Show here in Figure 24 is what activist and writer, who advocated for the protection of urban neighborhoods in her seminal 1961 work *The Death and Life of Great American Cities*?
(a) Jane Jacobs (b) Ruth Benedict (c) Margaret Meade (d) Rachel Carson
97. Jemaine wants to go to an ocean beach in Brazil. Which of the following states should he go to?
(a) Mato Grosso (b) Rio Grande Do Sul (c) Tocantins (d) Amazonas
98. Which of the following German states has the lowest population?
(a) Saarland (b) Rhineland-Palatinate (c) Lower Saxony (d) Thuringia
99. Earlier this month, Washington, DC mayor Muriel Bowser (shown in Figure 25), called for a renewed effort for DC statehood. If granted, DC would have the same number of members of Congress as all of the following states EXCEPT:
(a) Montana (b) Vermont
(c) Hawai'i (d) South Dakota
100. Which of the following capitals is NOT in a federal district or territory, but instead in one of its countries' states or cantons?
(a) Mexico City, Mexico (b) Brasilia, Brazil
(c) New Delhi, India (d) Bern, Switzerland