

**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. Figures are contained in the separate resource packet. Diacritic marks such as accents have been omitted from place names and other proper nouns. You have **one hour** to complete both the map exam *and* this portion of the multiple choice exam.

1. If as an AFS exchange student, you told someone you were studying in Galicia, how might they respond, in a geographically correct way:
  - (a) Didn't the Apostle Paul write a letter to the inhabitants of that region that's one of the books of the Bible?
  - (b) The region in Spain, or the historical region of Western Ukraine?
  - (c) So I presume your host family speaks a Celtic language then?
  - (d) That's in Finland, right?
2. Shown in Figure 2-1 is a landform known as a palsa. What best describes the land and location that most palsas typically form in?
  - (a) Nitrogen-rich soils near the horse latitudes
  - (b) Methane-rich peat in the Pacific Northwest
  - (c) Dry soil near alpine glaciers above 15,000 feet in elevation
  - (d) Discontinuous permafrost near the Arctic circle
3. The term palsa, as well as the term tundra, originate from what language group?
  - (a) Salish
  - (b) Sami
  - (c) Guarani
  - (d) Northern Dravidian
4. To most accurately make comparisons between the economies of several countries, gross domestic product is often measured at PPP. What does PPP stand for?
  - (a) Percentage of people in poverty
  - (b) Prorated price point
  - (c) Pre-development piezoeconomic plasticity
  - (d) Purchasing power parity
5. Osh was an important part of what trade network?
  - (a) Triangle trade
  - (b) Canadian fur trade
  - (c) Silk Road
  - (d) West African salt/gold trade
6. The name of the ice cream brand Haagen-Dazs, despite sounding European, was fabricated by an American. A linguist can immediately spot its questionable provenance: while an *a* with an *umaut* (diacritic) above it is primarily associated with Nordic languages and French, the "zs" digraph is the 44th and final letter of what language's alphabet?
  - (a) Polish
  - (b) Hungarian
  - (c) German
  - (d) Italian
7. Which of the following terms refers to the variety of coal with the highest carbon content?
  - (a) Anthracite
  - (b) Lignite
  - (c) Bituminous
  - (d) Benthic
8. Which of the following cities is not located in the Hejaz?
  - (a) Medina
  - (b) Riyadh
  - (c) Jeddah
  - (d) Mecca

9. The 2001 Nisqually earthquake damaged the dome of the capitol building, seen in 2-2 in which city?  
(a) Juneau, AK (b) Vancouver, BC  
(c) Salem, OR (d) Olympia, WA
10. That earthquake measured a 6.8 on the moment magnitude scale, but had a maximum value of VIII on what other scale?  
(a) Mercalli scale (b) Richter scale  
(c) Beaufort scale (d) Lombardi Scale
11. Which of the following tectonic plates was involved in the Nisqually earthquake?  
(a) Mariana (b) Kermadec  
(c) Nazca (d) Juan de Fuca
12. Figure 2-3 is a population pyramid. What country is it of?  
(a) Japan (b) Nigeria  
(c) Indonesia (d) United States
13. Approximately how many people under the age of 9 live in this country?  
(a) 3 million (b) 6 million  
(c) 12 million (d) 18 million
14. The trend in the population pyramid has led to \_\_\_\_\_ .  
(a) the shrinking of the country's largest city and exponential growth in smaller outlying towns. (b) 150 of the country's hospitals converting oncology facilities into maternity wards.  
(c) 400 schools a year closing, many being converted into nursing homes. (d) a decrease in the burden caused by the pension system.
15. Shown in Figure 2-4 are several \_\_\_\_\_ dunes, which are characterized by a crescent shape pointing towards the predominant direction of wind.  
(a) Nabkha (b) Barchan  
(c) Herbert (d) Star
16. LEED (Leadership in Energy and Environmental Design) is a certification system that assesses how "green" new buildings are. Which of the following design choices would NOT help a property become LEED-certified?  
(a) Adding a green roof (b) Maximizing the amount of impervious surface  
(c) Including space for bicycle storage (d) Install a geothermal heating system
17. What process is being shown in Figure 2-5?  
(a) Lead seeping (b) Moho discontinuity  
(c) Nitrification (d) Saltwater intrusion
18. What American city's water supply is most likely to be affected by this process?  
(a) Portland, OR (b) St. Louis, MO  
(c) Flint, MI (d) Miami, FL
19. Which of the following cities is considered a primate city?  
(a) New Delhi (b) Sao Paulo  
(c) Buenos Aires (d) Berlin

- 20.** Feeling amorous in Central Europe? You can show your date around the southern city of Kissing, near Augsburg. before taking her to the capital city's district of Wedding. This itinerary would be found in what country, not necessarily always associated with romance?
- (a) Slovakia (b) Timor-Leste  
(c) Liechtenstein (d) Germany
- 21.** What is being shown in Figure 2-6?
- (a) The spread of the Bubonic Plague (b) Migratory path of Luna moths  
(c) The common routes taken by Syrian refugees (d) The primary route of the Olympic torch for the 2004 Summer Olympics
- 22.** Which of the following numbers is higher for Niger than South Africa?
- (a) Population (b) Nominal GDP per capita  
(c) Human development index (d) Total fertility rate
- 23.** Which of the following transportation innovations is currently operating commercial passenger service?
- (a) Maglev (b) Concorde jet  
(c) Straddling bus (Transit Elevated Bus) (d) Hyperloop
- 24.** The Paracel Islands are central to what modern-day geopolitical conflict?
- (a) South China Sea boundary dispute (b) Brexit  
(c) Cod War (d) Russian occupation of Crimea
- 25.** Which of the following English cities was developed in the mid-to-late 20th century as a so-called "new town," taking design inspiration from Ebenezer Howard's Garden City movement?
- (a) Southend-on-Sea (b) Swindon  
(c) Gannon (d) Milton Keynes
- 26.** The Italian island of Lampedusa is most significant for what group of people?
- (a) African emigrants (b) Monitor lizard enthusiasts  
(c) Peach connoisseurs (d) Jewish pilgrims
- 27.** In what river's basin are all of the gauge stations in Figure 2-7 found?
- (a) Missouri River (b) Ohio River  
(c) Allegheny River (d) Cuyahoga River
- 28.** For the next three questions, use the "Map Reference Number" column. Which of the stations has the highest volume of water flowing past it?
- (a) 1 (b) 4  
(c) 8 (d) 9
- 29.** Which of the stations has the highest median annual amount of sediment flowing past it?
- (a) 3 (b) 6  
(c) 8 (d) 9
- 30.** Which of the stations has the lowest median annual concentration of suspended sediment?
- (a) 1 (b) 3  
(c) 6 (d) 9

- 31.** Contrasted with suspended sediment load is bed load, which refers to the movement of sediment along the bottom of a river. Which of the following terms is most associated with bedload?
- (a) Nitrification (b) Saltation  
(c) Solifluction (d) Parthenogenesis
- 32.** The 2017 gas attack by the Syrian government took place in Khan Shaykhun, a small city in what governate?
- (a) Kyzyl (b) Raqqa  
(c) Idlib (d) Farokmanesh
- 33.** The Madden-Julian Oscillation is associated with a rainfall event known as the Pineapple Express which often brings large storms from Hawaii into which mountain range during the winter?
- (a) Sierra Nevadas (b) Rwenzoris  
(c) Japanese Alps (d) Urals
- 34.** Congratulations! You have just been elected Dictator of Sweden. Your first order of business is to move the capital further north to get away from those pesky democracy-lovers in the rest of Europe. Which of the following sites should be considered?
- (a) On the island of Gotland (b) The former pagan religious center Uppsala  
(c) Along the Oresund (d) The university cities of Malmo and Lund in Skane
- 35.** All of the sites in Figure 2-8 are in what Indian state?
- (a) West Bengal (b) Goa  
(c) Punjab (d) Maharashtra
- 36.** The structure in the upper left, The Gateway to India, was built in the early 20th Century to welcome royalty from what monarchy?
- (a) France (b) United Kingdom  
(c) Nepal (d) The Netherlands
- 37.** For the next three questions, say whether the statement refers to Costa Rica, Nicaragua, both, or neither. Has a military?
- (a) Costa Rica (b) Nicaragua  
(c) Both (d) Neither
- 38.** Borders the Gulf of Fonseca?
- (a) Costa Rica (b) Nicaragua  
(c) Both (d) Neither
- 39.** Located within the maximum extent of the Mayan empire?
- (a) Costa Rica (b) Nicaragua  
(c) Both (d) Neither
- 40.** If you wanted to fit in with the majority of the population in Algeria, what religion should you practice?
- (a) Baha'i Faith (b) Shia Islam  
(c) Sunni Islam (d) Animism