

## 2018 International Geography Bee International Geography Exam - Part 3

**Instructions** – This portion of the IGB Exam consists of 100 questions. You will receive two points for a correct answer. You will lose one point for an incorrect answer. Blank responses lose no points. Please fill in the bubbles completely on the answer sheet. You may write on the examination, but all responses must be bubbled on the answer sheet. Diacritic marks such as accents have been omitted from place names and other proper nouns. You have one hour to complete this set of multiple choice questions.

1. In human geography and urban studies, the term global city or alpha city is best defined as which of the following?
  - A. a city which is a primary node in the global economic network with links binding it to other cities having a direct and tangible effect on global socio-economic affairs
  - B. a city with a population more diverse than the country in which it is located
  - C. a city which contains the majority of its country's population
  - D. the center of its country's manufacturing and industrial output
2. By this definition, the Globalization and World Cities Research Network ranked which of these pairs of cities as the only 'alpha++' global cities in the world?
  - A. Beijing and Paris
  - B. Seoul and Mexico City
  - C. Washington, DC and New Delhi
  - D. New York City and London
3. All of these would be considered 'alpha +' cities EXCEPT which of the following?
  - A. Singapore
  - B. Hong Kong
  - C. Dubai
  - D. Bucharest
4. If GDP per capita is considered in global cities rankings, which of these two cities would see their rankings increase a tremendously?
  - A. Beijing and Shanghai
  - B. San Jose, California and Macao
  - C. Mexico City and Seoul
  - D. Geneva and Oslo
5. Which of the following best defines tidal range?
  - A. the difference in tides between one coastal city and another
  - B. the difference in tides during summer as compared to winter, when tides reach their extremes
  - C. the difference in tides in a given place between the spring tide and neap tide
  - D. the vertical difference between the high tide and the succeeding low tide

6. What is the effect on tidal range on earth when the Sun and Moon are in syzygy?
  - A. tidal ranges are unaffected
  - B. tidal ranges are at their most extreme
  - C. tidal ranges are at their least extreme
  - D. tidal ranges will vary during syzygy, with those near the poles becoming less extreme and those near the equator becoming more extreme
7. Which of these geographic locations has the largest tidal range in the world?
  - A. San Francisco Bay in the US
  - B. St. Malo in France
  - C. Cook Inlet in the US
  - D. the Bay of Fundy in Canada
8. Which of these areas would be expected to have the smallest average tidal range?
  - A. the Gulf Coast of Florida in the US
  - B. Normandy in France
  - C. Nova Scotia in Canada
  - D. New Brunswick in Canada
9. Which of these is the highest point on the African continent?
  - A. Mount Meru
  - B. Ras Dasha
  - C. Kilimanjaro
  - D. Mount Kenya
10. Madagascar has all of the following climate types EXCEPT which of the following?
  - A. taiga
  - B. warm desert
  - C. monsoon
  - D. equatorial
11. The Sahel is the biogeographic region best described by which of the following?
  - A. the region immediately to the north of the Sahara Desert
  - B. the region covering most of the Horn of Africa
  - C. the zone of transition between the Sahara to the north and the Sudanian Savanna to the south
  - D. the region immediately east of the Great Rift Valley
12. Which of these is also known as Lake Nyasa?
  - A. Lake Chad
  - B. Lake Victoria
  - C. Lake Malawi
  - D. Lake Tanganyika
13. The Bab-el-Mandeb connects what two bodies of water?
  - A. the Mediterranean Sea and the Red Sea
  - B. the Blue Nile and the White Nile
  - C. the Gulf of Suez and the Gulf of Aqaba
  - D. the Gulf of Aden and the Red Sea

14. Which of these pairs of people were born and raised in Argentina?
- Neymar and Pele
  - Pope Francis and Queen Maxima of the Netherlands
  - Isabel Allende and Pablo Neruda
  - Frida Kahlo and Diego Rivera
15. About 25% of the GDP of Paraguay is made up of which of the following?
- export of petroleum
  - activities of mostly state-owned mineral and mining companies
  - coffee production and export
  - sugar cane production and the export of sugar
16. All of these Brazilian cities have a population over 4 million people EXCEPT which of the following?
- Rio de Janeiro
  - Manaus
  - Belo Horizonte
  - Recife
17. The Athapaskan, Slavey, Dogrib, and Tutchone indigenous groups were native peoples of what nation of the Americas?
- Brazil
  - Ecuador
  - Mexico
  - Canada
18. Which of these is the official language of Belize?
- Portuguese
  - Spanish
  - English
  - French
19. In agriculture, CAFOs are associated most closely with which of the following?
- large-scale irrigation operations
  - intensive, industrial livestock operations
  - organic, free range farming
  - traditional farming methodology
20. The line separating two language areas is known by what term?
- linguistic border
  - mutual intelligibility
  - dialect continuum
  - language island
21. Which of these is the official state political and philosophical ideology of North Korea?
- Sado Musul
  - Juche
  - Arirang
  - Songun
22. Which of these is the current president of South Korea?
- Ban Ki-moon
  - Moon Jae-in
  - Kim Jong-un
  - Park Geun-hye
23. Macau was formerly a colony of which of the following?
- Spain
  - Portugal
  - Great Britain
  - Japan
24. Which of these is a sacred location in the Hindu faith?
- the Dome of the Rock
  - Mecca
  - Mount Fuji
  - the Ganges River
25. In the sector theory of the economic activity, the service industry is represented by which of the following?
- primary sector
  - secondary sector
  - tertiary sector
  - quaternary sector
26. All of these are true of so-called exurbs or bedroom communities EXCEPT which of the following?
- they are commuter towns whose residents largely work elsewhere
  - they are generally adjacent to a main employment center
  - they usually develop their own industrial or major employment base over time
  - they are made up almost entirely of homes, schools and retail outlets
27. The spread of cultural items within a single culture or from one culture to another, is known by what term?
- mass media
  - cultural diffusion
  - migrationism
  - transference
28. All of these are classified as West Germanic languages EXCEPT which of the following?
- English
  - Danish
  - Dutch
  - Afrikaans
29. Of the 37 highly-developed member nations in the Organisation for Economic Co-operation and Development, which of these has the lowest percentage of health care expenditure covered by the government?
- Canada
  - Greece
  - Mexico
  - the United States

30. Which of these was carved by the action of Colorado River in the United States?
- the Painted Desert
  - the Rocky Mountains
  - the Grand Canyon
  - Yosemite Valley
31. The eruption of Mt. Vesuvius in 79 CE was the prototype for what type of volcanic eruption?
- Plinian
  - Strombolian
  - Pelean
  - Vulcanian
32. Which of these was formed by a meteorite impact in the Eocene Epoch, about 35 million years ago?
- the English Channel
  - Chesapeake Bay
  - Newfoundland
  - the Hawaiian Islands
33. Hurricane Catarina, which hit Brazil in 2004, was unusual for which of the following reasons?
- it was the first Category 5 hurricane to hit Brazil
  - it caused major flooding due to heavy rains and storm surge, unlike most South Atlantic hurricanes
  - it was the first hurricane to hit Brazil in recorded history because hurricanes almost never form in the South Atlantic
  - it was the first storm of an unusually active season to make landfall in Brazil
34. Maithripala Sirisena, the current president of Sri Lanka, is a member of what political party?
- BJP
  - UNP
  - SLFP
  - INC
35. The eight nations of South Asia account for roughly what percentage of the world's population?
- 40%
  - 35%
  - 25%
  - 15%
36. Which of these is the largest ethnic group in Pakistan?
- Balochs
  - Muhajirs
  - Pashtuns
  - Punjabis
37. Which of the following mountain ranges runs the length of the Italian peninsula?
- Dinaric Alps
  - Pyrenees
  - Apennines
  - Carpathians
38. All of these countries have areas classified as Alpine tundra EXCEPT which of the following?
- Denmark
  - Norway
  - Switzerland
  - Austria
39. Taking into account late twentieth century estimates of the extent of the continent of Europe, the geographic midpoint of would be located closest to which of the following?
- within the borders of Switzerland
  - near the border between France and Spain
  - within the borders of Lithuania
  - off the coast of Denmark
40. The French town of Chamonix, site of the first Winter Olympics in 1924, is a ski resort on what highest mountain in Western Europe?
- Monte Rose
  - the Matterhorn
  - Mount Elbrus
  - Mont Blanc
41. Which of these is the highest peak in the Ouachita Mountains and the highest in the state of Arkansas?
- Buffalo Lookout
  - Driskill Mountain
  - Mount Magazine
  - Mount Sunflower
42. All of these areas would be subject to lake-effect snow events EXCEPT which of the following?
- New York City, NY
  - Buffalo, NY
  - the Upper Peninsula of Michigan
  - the Wasatch Range of Utah
43. Which of these forms most of the border between Texas and Mexico?
- the Brazos River
  - the Rio Grande River
  - the Trinity River
  - the Colorado River of Texas
44. The Black Hills are located in what two US states?
- Colorado and New Mexico
  - North Dakota and South Dakota
  - Montana and North Dakota
  - South Dakota and Wyoming
45. Which of these is the capital of the Marshall Islands?
- Yaren
  - Pago Pago
  - Ngerulmud
  - Majuro

46. Which of these is the only island of the Hawaiian Archipelago that is not a part of the US state of Hawaii?
- Midway Island
  - Kaho'olawe
  - Ni'hau
  - Lana'i
47. Which of these is the highest point in Antarctica?
- Mount Erebus
  - Mount Weir
  - Holmes Summit
  - Vinson Massif
48. Which of these is the second-biggest landlocked country on earth?
- Kazakhstan
  - Mongolia
  - Chad
  - Niger
49. Which of these is a pseudocylindrical, equal-area map projection?
- Mercator
  - Mollweide
  - Adams hemisphere-in-a-square
  - gnomic
50. All of these are problems with the classic Mercator projection map EXCEPT which of the following?
- it distorts the size of objects as the latitude increases from the Equator to the poles
  - Greenland appears much larger than Africa
  - it represents lines of constant course
  - it is perfectly accurate along the equator and nowhere else
51. Which of these is closest to the total number of international migrants, including refugees, per year in the world?
- 100 million
  - 250 million
  - 500 million
  - 1 billion
51. Which of these countries has the largest total number of internal migrants in the world?
- Germany
  - Russia
  - the United States
  - Saudi Arabia
53. Wage differentials, employment opportunities, education, and family connections, are all examples of which of the following with regard to immigration?
- push factors
  - pull factors
  - conflict factors
  - migration determinants
54. In general, economists agree about these about the economic effects of immigration EXCEPT which of the following?
- the effects of immigration on high-skilled, native-born workers tends to be small and positive
  - emigration of high-skilled workers from other countries makes the average citizen of the host country better off economically
  - the effects of immigration on low-skilled, native-born workers tends to be small and but can be either positive or negative
  - emigration of low-skilled workers from other countries makes the average citizen of the host country worse off economically
55. Orogenesis is the geologic process of forming which of the following?
- mountains of any type
  - seafloor mountains only
  - volcanoes only
  - mountains formed by the convergence of tectonic plates
56. Which of these can be part of the process of mountain formation?
- faulting
  - folding
  - volcanic activity
  - all of these can be part of mountain formation
57. Which of these is most likely to form in the basin of an eroding mountain range?
- igneous rock
  - metamorphic rock
  - sedimentary rock
  - none of these are likely to form
58. The White Mountains and the Blue Ridge Mountains in the United States are subranges of what parent range?
- the Presidential Range
  - the Appalachian Mountains
  - the Green Mountains
  - the Sandwich Range
59. The Cabinet Mountains and the Sangre de Cristo Mountains in the United States are subranges of what parent range?
- the Sierra Nevada
  - the Rocky Mountains
  - the Big Horn Mountains
  - the Absaroka Mountains
60. Cities wishing to attract arts and creative jobs need to invest in all of these EXCEPT which of the following?
- affordable housing
  - municipal government reform
  - improved mass transit
  - affordable workplaces

61. In the United States, the Baby Boom generation will affect cities in all of these ways EXCEPT which of the following?
- A. an increase in the need for emergency services
  - B. an increase in demand for public transportation
  - C. an increase in demand for public housing
  - D. an increase in the need for health care facilities
62. City planners have placed emphasis on all of these EXCEPT which of the following in building new urban developments in recent years?
- A. accessibility to public transportation for residents
  - B. mixed-use developments with housing and commercial space
  - C. making efficient use of space by building more high-rise apartment blocks
  - D. creating walkable developments with access to green space
63. The population of the United States is closest to which of these numbers?
- A. 375 million people
  - B. 350 million people
  - C. 325 million people
  - D. 300 million people
64. Baton Rouge is the capital of what American state?
- A. Texas
  - B. Louisiana
  - C. New Mexico
  - D. Arizona
65. The idea that the United States has opportunities for prosperity and success, as well as an upward social mobility, that can be achieved through hard work is popularly known as which of the following?
- A. 'life, liberty and the pursuit of happiness'
  - B. equal opportunity
  - C. affirmative action
  - D. the 'American Dream'
66. Which of the following best describes the import-export economy of the United States?
- A. it is the largest importer and exporter of goods in the world
  - B. it is the largest importer and second-largest exporter in the world
  - C. it is the second-largest importers and largest exporter in the world
  - D. it is the largest importer but does not rank in the top ten in exports because its economy is service-based
67. All of these are true of the climate of Bangladesh EXCEPT which of the following?
- A. the majority of the country has a subtropical highland climate
  - B. the country has never recorded an air temperature below freezing
  - C. its September 1998 floods were likely the worst in modern world history
  - D. its monsoon season runs from June to October
68. Guru Shikhar is the highest point in which of the following mountain ranges of India?
- A. the Western Ghats
  - B. the Aravalli Range
  - C. the Patkai
  - D. the Vindhya Range
69. All of these border the Indian Plate EXCEPT which of the following?
- A. the Pacific Plate
  - B. the Eurasian Plate
  - C. the Australian Plate
  - D. the African Plate
70. Lithuania, Latvia, and Estonia are referred to collectively by what name?
- A. the Baltic States
  - B. the Tatra Republics
  - C. Scandinavia
  - D. the Caucasus Region
71. Which of these is true of the European Commission, the executive cabinet of the European Union?
- A. it is the sole body in the EU to possess legislative initiative
  - B. it has commissioners from 14 of the 28 member states on a rotating basis
  - C. it is directly elected in an EU-wide popular election
  - D. members are tasked with representing the interests of their home nation and not those of the EU as a whole
72. Gascon, Provençal, and Languedocien are dialects of what Romance language?
- A. German
  - B. Italian
  - C. Romanian
  - D. Occitan
73. The Sami people live primarily in all of the following nations EXCEPT which of the following?
- A. Denmark
  - B. Norway
  - C. Sweden
  - D. Finland
74. Earthquake intensity is measured by which of the following devices?
- A. a scale
  - B. a seismograph
  - C. a hygrometer
  - D. a galvanometer
75. A long, narrow inlet with steep sides or cliffs created by a glacier and typical of the Norwegian coast are known by what name?
- A. canals
  - B. terminal moraine
  - C. fjord
  - D. skerries

76. Africa contains all of these biomes EXCEPT which of the following?

- A. arid desert
- B. xeric shrubland
- C. grass savanna
- D. temperate broadleaf forest

77. Which of these names an elongated concentration of mostly talus-like basalt rock found along a hillside or the base of a cliff?

- A. orogeny
- B. lava stringer
- C. scree plot
- D. stratified slope deposit

78. The population of Russia is closest to which of these numbers?

- A. 150 million
- B. 200 million
- C. 250 million
- D. 300 million

79. Excluding Turkey, in which of these nations do the largest number of Turkish people live?

- A. Cyprus
- B. the United States
- C. Germany
- D. Belgium

80. In June 2018, Ethiopia announced it would begin peace efforts in a decades-long dispute with what neighboring country?

- A. Djibouti
- B. Sudan
- C. Somalia
- D. Eritrea

81. Sephardic Jews are a Jewish ethnic division descended from the community that lived in what area until the late fifteenth century?

- A. Israel
- B. Egypt
- C. the Iberian Peninsula
- D. the Russian Empire

82. After Mandarin, Spanish and English, which of these languages has the largest number of native speakers?

- A. Arabic
- B. Bengali
- C. Hindi
- D. Portuguese

83. Which of these most closely reflects the percentage of the global population that speaks French as a first language?

- A. 3%
- B. 2%
- C. 1%
- D. 0.5%

84. Which of these natural features separates Hong Kong Island and Kowloon?

- A. Albert Bay
- B. Hong Kong Bay
- C. Elizabeth Harbour
- D. Victoria Harbour

85. Burkhan Khaldun, the supposed birthplace of Genghis Khan, is a UNESCO World Heritage Site in what nation?

- A. China
- B. Tibet
- C. Nepal
- D. Mongolia

86. The Yangtze River empties into what sea?

- A. South China Sea
- B. East China Sea
- C. Yellow Sea
- D. Bohai Sea

87. Which of these is the most geologically stable area in East Asia?

- A. Japan
- B. Taiwan
- C. the Korean Peninsula
- D. northern China

88. All of these are major ocean currents between the United States and the west coasts of Africa and Europe EXCEPT which of the following?

- A. Gulf Stream
- B. North Equatorial
- C. Mozambique
- D. Canary

89. All of these are effects of global warming on the oceans EXCEPT for which of the following?

- A. rising temperatures
- B. ocean acidification
- C. an increase in biodiversity
- D. oxygen depletion

90. The Great Pacific Garbage Patch is largely contained within which of the following oceanic gyres?

- A. Indian Ocean Gyre
- B. North Pacific Gyre
- C. South Pacific Gyre
- D. Arctic Gyre

91. All of these are true of Mount Chimborazo EXCEPT which of the following?

- A. it is the most prominent point on Earth
- B. it is the closest point on the Earth to the moon
- C. it is located on the equatorial bulge
- D. it is an inactive stratovolcano

92. Which of these are the two longest rivers in Canada?

- A. Slave and Athabasca
- B. St. Lawrence and Mackenzie
- C. Mackenzie and Athabasca
- D. Slave and Winnipeg

93. All of these are true of the Atacama Desert EXCEPT which of the following?
- A. its climate is predominantly warm desert (BWh)
  - B. its extreme aridity is partly due to a temperature inversion due to the Humboldt ocean current, and to the presence of the strong Pacific anticyclone
  - C. it is the product of a two-sided rain shadow from the Andes and Chilean Coast Range
  - D. it is the only true desert to receive less precipitation than the polar deserts
94. Which of these is the highest point in Brazil?
- A. Sugarloaf Mountain
  - B. Corcovado
  - C. Monte Pascoal
  - D. Pico da Neblina
95. All of these are true of Angel Falls EXCEPT which of the following?
- A. they are located in Venezuela
  - B. they are the highest uninterrupted waterfall in the world
  - C. they have the highest flow rate of any waterfall in the world
  - D. they reach a height of over 900m (about 3,000 feet)
96. The territory formerly known as Nyasaland became which of the following independent nations in 1964?
- A. Tanzania
  - B. Zambia
  - C. Malawi
  - D. Mozambique
97. All of these African nations have been named Major Non-NATO Allies of the United States EXCEPT which of the following?
- A. Egypt
  - B. Tunisia
  - C. South Africa
  - D. Morocco
98. Juba is the capital of what African nation?
- A. South Sudan
  - B. Chad
  - C. Senegal
  - D. Somalia
99. Which of these is the largest country by area in Africa?
- A. Sudan
  - B. Democratic Republic of the Congo
  - C. Algeria
  - D. Niger
100. Which of these African nations scores highest on the Human Development Index as of 2017?
- A. Central African Republic
  - B. Niger
  - C. Burkina Faso
  - D. Botswana